HELP SHAPE THE FUTURE OF RESPIRATORY SCIENCE AND MEDICINE

PREPARE YOUR CONGRESS

Advance Programme
## Registration Fees

<table>
<thead>
<tr>
<th>Event</th>
<th>Early bird (until 12 July 2016)</th>
<th>Standard (13 July to 2 September 2016)</th>
<th>Onsite (from 3 September 2016)</th>
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<tbody>
<tr>
<td>Postgraduate courses</td>
<td>€ 95</td>
<td>€ 125</td>
<td>€ 140</td>
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<tr>
<td>Full day postgraduate course</td>
<td>€ 155</td>
<td>€ 200</td>
<td>€ 220</td>
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<tr>
<td>Challenging clinical cases</td>
<td>€ 70</td>
<td>€ 90</td>
<td>€ 100</td>
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<tr>
<td>Meet the expert</td>
<td>€ 70</td>
<td>€ 90</td>
<td>€ 100</td>
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<tr>
<td>Educational skills workshops</td>
<td>€ 70</td>
<td>€ 90</td>
<td>€ 100</td>
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<tr>
<td>Professional development workshops</td>
<td>€ 25</td>
<td>€ 35</td>
<td>€ 40</td>
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### SATURDAY 03 SEPTEMBER 2016

<table>
<thead>
<tr>
<th>START</th>
<th>END</th>
<th>TYPE</th>
<th>SESSION</th>
<th>TAG</th>
<th>IMPORTANT INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00</td>
<td>10:20</td>
<td>Skills workshop</td>
<td>SW1 Inhaler techniques</td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
</tr>
<tr>
<td>10:40</td>
<td>13:00</td>
<td>Skills workshop</td>
<td>SW2 Inhaler techniques</td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
</tr>
<tr>
<td>14:30</td>
<td>16:50</td>
<td>Skills workshop</td>
<td>SW3 Inhaler techniques</td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
</tr>
<tr>
<td>09:30</td>
<td>17:30</td>
<td>Postgraduate Course</td>
<td>PG1 Asthma and chronic obstructive pulmonary disease - An update in assessment and treatment</td>
<td>Clinical Translational</td>
<td>Registration for this session is additional to the congress registration fee and is €220 on site, €200 standard or €155 for early bird registration.</td>
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<tr>
<td>09:30</td>
<td>17:30</td>
<td>Postgraduate Course</td>
<td>PG2 Advanced thoracic ultrasound - Enhance your sonography practice beyond identification of pleural fluid</td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €220 on site, €200 standard or €155 for early bird registration.</td>
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<tr>
<td>09:30</td>
<td>13:00</td>
<td>Postgraduate Course</td>
<td>PG3 Advanced respiratory and cardiovascular exercise testing - In health and respiratory disease</td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.</td>
</tr>
<tr>
<td>09:30</td>
<td>13:00</td>
<td>Postgraduate Course</td>
<td>PG4 How to improve the success of noninvasive ventilation</td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.</td>
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<tr>
<td>09:30</td>
<td>13:00</td>
<td>Postgraduate Course</td>
<td>PG5 How to reach peripheral solitary nodules</td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.</td>
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<tr>
<td>09:30</td>
<td>13:00</td>
<td>Postgraduate Course</td>
<td>PG6 Lung fibrosis and sarcoidosis - Different diagnostic approaches and treatment modalities</td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.</td>
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<tr>
<td>09:30</td>
<td>13:00</td>
<td>Postgraduate Course</td>
<td>PG7 New guidelines for the classification and staging of lung cancer</td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.</td>
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<tr>
<td>09:30</td>
<td>13:00</td>
<td>Postgraduate Course</td>
<td>PG8 Paediatric asthma</td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.</td>
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<tr>
<td>09:30</td>
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<td>Postgraduate Course</td>
<td>PG9 Recurrent respiratory infections in both children and adults</td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.</td>
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<td>09:30</td>
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<td>Postgraduate Course</td>
<td>PG10 Tuberculosis management: a personalised clinical approach</td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.</td>
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<tr>
<td>14:00</td>
<td>17:30</td>
<td>Postgraduate Course</td>
<td>PG11 Assessing respiratory system resistance in children and adults - A focus on young children and older adults</td>
<td>Basic Science</td>
<td>Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.</td>
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<tr>
<td>14:00</td>
<td>17:30</td>
<td>Postgraduate Course</td>
<td>PG12 Breathlessness over the life course</td>
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<td>Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.</td>
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<tr>
<td>14:00</td>
<td>17:30</td>
<td>Postgraduate Course</td>
<td>PG13 Inhaled antibiotics in respiratory infections</td>
<td>Translational</td>
<td>Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.</td>
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<tr>
<td>14:00</td>
<td>17:30</td>
<td>Postgraduate Course</td>
<td>PG14 Interventional pulmonology</td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.</td>
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<td>Time</td>
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<td>14:00</td>
<td>Postgraduate Course PG15 Muscle weakness</td>
<td>Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.</td>
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<td>and wasting in chronic obstructive</td>
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<td>pulmonary disease Assessment and treatment</td>
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<td>14:00</td>
<td>Postgraduate Course PG16 Infection control</td>
<td>Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.</td>
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<td>in epidemics: strengthening the evidence</td>
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<td>base for healthcare workers and the public</td>
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<td>Joint PREPARE/ECDC course</td>
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<td>Postgraduate Course PG17 Pulmonary</td>
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<td>haemodynamics during exercise</td>
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<td>14:00</td>
<td>Postgraduate Course PG18 Sleep apnoea and</td>
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<td>comorbidities</td>
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<td>14:00</td>
<td>Postgraduate Course PG19 The lung in the</td>
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<td>septic critically-ill patient</td>
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<td>14:00</td>
<td>Postgraduate Course PG20 Thymic tumours</td>
<td>Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.</td>
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<td>09:30</td>
<td>Professional development workshop PD1</td>
<td>Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.</td>
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<td>Spirometry: Train the trainer ERS</td>
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<td>spirometry training programme</td>
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<tr>
<td>12:00</td>
<td>HERMES examination HERMES Examination</td>
<td>Register online: <a href="http://www.ersnet.org/HERMES">www.ersnet.org/HERMES</a></td>
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<tr>
<td>09:00</td>
<td>Session China Session I</td>
<td>The presentations will be in English or Chinese but slides will be projected in both languages.</td>
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<td>New perspectives in respiratory medicine</td>
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<tr>
<td>10:40</td>
<td>Session China Session II</td>
<td>The presentations will be in English or Chinese but slides will be projected in both languages.</td>
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<td>11:00</td>
<td>Session ERS/French Programme I</td>
<td>The presentations will be in English or French but slides will be projected in both languages.</td>
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<td>Innovative treatments and new concepts in</td>
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<td>respiratory medicine: the future looks</td>
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<td>bright indeed!</td>
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<td>15:30</td>
<td>Session ERS/French Programme II</td>
<td>The presentations will be in English or French but slides will be projected in both languages.</td>
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<td>Guidelines, new diagnostic &amp; therapeutic</td>
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<td>tools to help pulmonologists: all the</td>
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<td>reasons why we cannot ignore them</td>
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<td>13:15</td>
<td>Session Russia Session</td>
<td>The presentations will be in English or Russian but slides will be projected in both languages.</td>
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<td>Idiopathic pulmonary fibrosis</td>
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<td>09:00</td>
<td>Session Primary Care Day: challenging</td>
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<td>Clinical challenges in day-to-day primary</td>
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<td>care</td>
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<td>11:00</td>
<td>Session Primary Care Day: challenging</td>
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<td>times II</td>
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<td>Taking up the challenge</td>
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<td>13:30</td>
<td>Session Primary Care Day: challenging</td>
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<td>times III</td>
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<td>Meeting tomorrow’s challenge</td>
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<td>15:00</td>
<td>Session Primary Care Day: challenging</td>
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<td>times IV</td>
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<td>Grand Round</td>
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<td>START</td>
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<tr>
<td>07:00</td>
<td>08:15</td>
<td>Clinical</td>
<td>Challenging clinical cases</td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
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<tr>
<td>07:00</td>
<td>08:15</td>
<td>Clinical</td>
<td>Challenging clinical cases</td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
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<tr>
<td>08:00</td>
<td>10:20</td>
<td>Clinical</td>
<td>Skills workshop</td>
<td>SW4</td>
<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
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<td>08:00</td>
<td>10:20</td>
<td>Clinical</td>
<td>Skills workshop</td>
<td>SW5</td>
<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
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<tr>
<td>08:30</td>
<td>10:30</td>
<td>Basic</td>
<td>Year in review</td>
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<td>Scientific Year in Review 2016</td>
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<tr>
<td>08:30</td>
<td>10:30</td>
<td>Clinical</td>
<td>Symposium</td>
<td>Immunotherapy: the lethal weapon against thoracic malignancies?</td>
<td>Clinical</td>
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<tr>
<td>08:30</td>
<td>10:30</td>
<td>Clinical</td>
<td>Symposium</td>
<td>COPD case-finding: how can we find the missing millions?</td>
<td>Clinical</td>
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<tr>
<td>08:30</td>
<td>10:30</td>
<td>Clinical</td>
<td>Symposium</td>
<td>Lung involvement in systemic disorders: an update to this neglected field</td>
<td>Clinical</td>
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<tr>
<td>08:30</td>
<td>10:30</td>
<td>Translational</td>
<td>Symposium</td>
<td>Nerves in airway disease: genotype, phenotype and endotype</td>
<td>Translational</td>
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<tr>
<td>10:40</td>
<td>13:00</td>
<td>Clinical</td>
<td>Skills workshop</td>
<td>SW6</td>
<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
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<td>10:40</td>
<td>13:00</td>
<td>Clinical</td>
<td>Skills workshop</td>
<td>SW7</td>
<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
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<tr>
<td>10:45</td>
<td>12:45</td>
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<td>Session</td>
<td>ERS-ALAT-SBPT-SEPAR-SPP joint session: Spanish and Portuguese Session I</td>
<td>The presentations will be in English or Spanish or Portuguese but slides will be projected in English at all times.</td>
</tr>
<tr>
<td>10:45</td>
<td>12:45</td>
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<td>Session</td>
<td>ERS-ALAT-SBPT-SEPAR-SPP joint session: Spanish and Portuguese Session II</td>
<td>The presentations will be in English or Spanish or Portuguese but slides will be projected in English at all times.</td>
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<tr>
<td>10:45</td>
<td>12:45</td>
<td>Clinical</td>
<td>Grand round</td>
<td>Paediatric Ground Round an interactive session</td>
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<tr>
<td>10:45</td>
<td>12:45</td>
<td>Clinical</td>
<td>Symposium</td>
<td>New statement on pulmonary rehabilitation</td>
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<tr>
<td>10:45</td>
<td>12:45</td>
<td>Clinical</td>
<td>Symposium</td>
<td>ERS and tuberculosis 2016 highlights (followed by WHO/ERS Document ceremony)</td>
<td></td>
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<tr>
<td>10:45</td>
<td>12:45</td>
<td>Clinical</td>
<td>Symposium</td>
<td>Telemonitoring of ventilator-dependent patients Looking into the future</td>
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<tr>
<td>10:45</td>
<td>12:45</td>
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<td>Session</td>
<td>State-of-the-art research techniques from Royal Brompton Hospital and Imperial College London I</td>
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<tr>
<td>10:45</td>
<td>12:45</td>
<td>Translational</td>
<td>Symposium</td>
<td>New insights into the genetics of asthma</td>
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<td>Time</td>
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<tr>
<td>13:00 - 14:00</td>
<td>Meet the expert <strong>ME1 Biomarkers for interstitial lung disease</strong></td>
<td>Translational</td>
<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
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<tr>
<td>13:00 - 14:00</td>
<td>Meet the expert <strong>ME2 New treatment approaches for idiopathic pulmonary fibrosis</strong></td>
<td>Translational</td>
<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
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<tr>
<td>13:00 - 14:00</td>
<td>Meet the expert <strong>ME3 Fiberoptic bronchoscopy in children</strong></td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
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<tr>
<td>13:00 - 14:00</td>
<td>Meet the expert <strong>ME4 Pulmonary arteriovenous malformations</strong> Including hereditary haemorrhagic telangiectasia</td>
<td>Clinical</td>
<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
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<tr>
<td>13:00 - 14:30</td>
<td>Championship <strong>2016 Respiratory Championship</strong> Become a champion in respiratory medicine</td>
<td>Clinical</td>
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<tr>
<td>13:00 - 14:15</td>
<td>Assembly members’ meeting <strong>Assembly 2 Respiratory intensive care</strong> Incl. Groups 2.1 Acute critical care and 2.2 Non-invasive ventilatory support</td>
<td>Clinical</td>
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<tr>
<td>13:00 - 14:15</td>
<td>Assembly members’ meeting <strong>Assembly 4 Clinical physiology, sleep and pulmonary circulation</strong> Incl. Groups 4.1 Clinical respiratory physiology, exercise and functional imaging, 4.2 Sleep and control of breathing and 4.3 Pulmonary circulation and pulmonary vascular disease</td>
<td>Clinical</td>
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<tr>
<td>13:00 - 14:15</td>
<td>Assembly members’ meeting <strong>Assembly 8 Thoracic surgery and transplantation</strong> Incl. Groups 8.1 Thoracic surgery and 8.2 Transplantation</td>
<td>Clinical</td>
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<td>13:00 - 14:15</td>
<td>Assembly members’ meeting <strong>Assembly 10 Respiratory Infections</strong> Incl. Groups 10.1 Respiratory infections and 10.2 Tuberculosis</td>
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<td>13:00 - 14:15</td>
<td>Assembly members’ meeting <strong>Assembly 11 Thoracic oncology</strong> Incl. Groups 11.1 Lung cancer and 11.2 Pleural and mediastinal malignancies</td>
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<td>Skills workshop <strong>SW8 Difficult airway management in an intensive care unit</strong> Difficult intubation</td>
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<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
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<td>Grand round <strong>Radiology</strong> an interactive session</td>
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<td>14:45 - 16:45</td>
<td>Hot topics <strong>Is sleep apnoea causing cancer? the evidence, limitations, and clinical perspectives</strong></td>
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<td>Hot topics <strong>Traffic air pollution in urban areas a continued cause for concern</strong></td>
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<td>Symposium <strong>Childhood asthma causation</strong> Is it the air they breathe or the food they eat?</td>
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<td>14:45</td>
<td>Symposium</td>
<td>Implementation of collaborative lung function testing</td>
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<td>14:45</td>
<td>Symposium</td>
<td>New tools for the early diagnosis of acute respiratory distress syndrome</td>
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<td>14:45</td>
<td>Symposium</td>
<td>Complications and comorbidities in idiopathic pulmonary fibrosis</td>
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## OUTLINE PROGRAMME
### MONDAY 05 SEPTEMBER, 2016

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<tr>
<th>START</th>
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<tr>
<td>07:00</td>
<td>08:15</td>
<td>Clinical</td>
<td>Challenging clinical cases CC3 Problematic application of mechanical ventilation</td>
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<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
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<td>Challenging clinical cases CC4 Major challenges in thoracic surgical oncology</td>
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<td>Challenging clinical cases CC5 Non-resolving pneumonia</td>
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<td>Translational</td>
<td>Professional development workshop PD3 Preparing your content for teaching online</td>
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<td>Skills workshop SW11 The new frontiers in exercise training in chronic obstructive pulmonary disease patients: technical aspects</td>
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<td>Session Yernault Lecture preceded by the symposium “Latest development in non-invasive ventilation: improvements and gadgets”</td>
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<td>Year in review Paediatric Year in Review from the bench to the clinic</td>
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<td>Symposium The history of respiratory public health in Britain air pollution, tobacco control, and occupational lung disease</td>
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<td>Symposium Diseases and defences of the respiratory mucosa A joint ERS/SMI symposium</td>
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<td>Basic Science</td>
<td>Symposium Regeneratives approaches to COPD</td>
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<td>Symposium An update on pleural empyema diagnostics and treatment</td>
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<td>Hot topics Pulmonary arterial hypertension future therapeutic approaches</td>
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<td>Session</td>
<td>Session State-of-the-art research techniques from Royal Brompton Hospital and Imperial College London II</td>
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<td>Symposium</td>
<td>Chronic graft-versus-host disease and chronic allograft dysfunction after lung transplantation: similarities and dissimilarities</td>
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<td>Molecular footprints in lung cancer diagnosis and management</td>
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<td>Influenza and respiratory physicians A joint ERS/ESWI symposium</td>
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<td>10:45</td>
<td>Session</td>
<td>Working together to drive investment and innovation in asthma research an ERS/The European Asthma Research &amp; Innovation Partnership (EARIP) joint session</td>
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<td>Professional development workshop</td>
<td>PD5 Establishing core facilities for measuring clinical trial outcomes Experience from the European Cystic Fibrosis Society (ECFS) Clinical Trials Network (CTN)</td>
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<td>13:00</td>
<td>Meet the expert</td>
<td>ME5 Persisting symptoms after pulmonary embolism</td>
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<td>13:00</td>
<td>Meet the expert</td>
<td>ME6 Dealing with air leaks during noninvasive ventilation</td>
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<td>Meet the expert</td>
<td>ME7 Surgery for lung cancer</td>
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<td>Meet the expert</td>
<td>ME8 Acute and chronic infection in chronic obstructive pulmonary disease</td>
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<td>Assembly members' meeting</td>
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<td>Assembly 3 Cell and molecular biology</td>
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<td>Skills workshop</td>
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<td>Skills workshop</td>
<td>SW15 The new frontiers in exercise training in chronic obstructive pulmonary disease patients: technical aspects</td>
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<td>Grand round</td>
<td>Scientific Grand Round - precision medicine an interactive session</td>
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<td>Symposium</td>
<td>Driving and sleepiness ESRS/ERS joint symposium</td>
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<td>Hot topics</td>
<td>Air pollution and effects on lung health</td>
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<td>Symposium</td>
<td>Updating on electronic nicotine delivery systems (ENDS) or e-cigarettes</td>
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<td>Symposium</td>
<td>Deep phenotyping to improve treatment outcomes in paediatric asthma Bringing -OMICS to the clinic</td>
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<td>Historical landmarks in respiratory medicine: contributions from the UK Insights from the United Kingdom</td>
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<td>Professional development workshop</td>
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<td>Challenging</td>
<td>CC6 New treatment approaches in non-small cell lung cancer</td>
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<td>CC7 How to deal with large airways problems</td>
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<td>CC8 Complex management issues in ataxia telangiectasia</td>
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<td>PD7 Designing and conducting research in malignant pleural effusion</td>
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<td>SW16 Radiological-pathological correlations for clinicians</td>
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<td>SW17 Polysomnography in adults and children</td>
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<td>Year in review</td>
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<td>Symposium</td>
<td>Urban air pollution and human health</td>
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<td>The problem of multidrug-resistant tuberculosis</td>
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<td>Hot topics</td>
<td>Obesity and respiratory diseases</td>
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<td>Pulmonary endoscopy 2016 to freeze, heat, block or dig</td>
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<td>Oligometastasis: postmodern multimodality concepts</td>
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<td>Endotyping: the means to personalised medicine in lung disease</td>
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<td>Symposium</td>
<td>Microbiome in health and in disease</td>
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<td>Hypoxia, the carotid body, and the brain</td>
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<td>11:00</td>
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<td>Professional</td>
<td>PD8 Navigate your publishing process</td>
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<td>Meet the expert</td>
<td>ME9 Detecting and correcting patient-ventilator asynchronies</td>
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<td>Meet the expert</td>
<td>ME10 Effects of exercise on airway responsiveness</td>
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<td>Meet the expert</td>
<td>ME11 Asthma and sleep-disordered breathing in children and adults</td>
<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
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<td>13:00</td>
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<td>Patient forum</td>
<td>PF Communicating the impact and risk of air pollution to respiratory patients</td>
<td>A joint ELF/ERS session</td>
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<td>Skills workshop</td>
<td>SW21 Polysomnography in adults and children</td>
<td>Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.</td>
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<tr>
<td>14:45</td>
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<td>Session</td>
<td>Respiratory infectious disease control in Europe ERS/ECDC joint session</td>
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<tr>
<td>14:45</td>
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<td>Symposium</td>
<td>Future challenges in pulmonary arterial hypertension An ERS/ESC, and Patient Organisation PAH Europe joint symposium</td>
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<tr>
<td>14:45</td>
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<td>Symposium</td>
<td>The future of tyrosin kinase inhibitors</td>
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<tr>
<td>14:45</td>
<td>16:45</td>
<td>Symposium</td>
<td>Transition to adult care: what we can learn from cystic fibrosis?</td>
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<td>14:45</td>
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<td>Living and dying with lung disease Communication and palliative care in end-stage lung disease</td>
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<td>14:45</td>
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<td>Session</td>
<td>Becoming a successful young researcher in an era of opportunities Session organised by the ERS Junior Members Committee (JMC)</td>
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<td>14:45</td>
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<td>Hot topics</td>
<td>Genetics, epigenetics and exposome how to integrate different layers of biological information</td>
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<td>14:45</td>
<td>16:45</td>
<td>Hot topics</td>
<td>Molecular phenotyping of severe asthma the role of consortia in driving personalised medicine</td>
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<td>Time</td>
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</table>
| 15:00 | Professional development workshop            | PD10 Writing multiple choice questions  
Practical guidelines for the development and assessment of multiple choice questions (MCQs)  
Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration. |
| 16:00 | Session                                      | ERS Fellowship Career Development session                                   |
## WEDNESDAY 07 SEPTEMBER 2016

<table>
<thead>
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<tr>
<td>08:30</td>
<td>10:30</td>
<td>Session</td>
<td>Health effects related to air pollution ERS/BTS joint session</td>
<td>Healthy Lungs for Life</td>
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<td>08:30</td>
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<td>Symposium</td>
<td>Respiratory infections in high-income countries: old challenges and new threats</td>
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<td>08:30</td>
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<td>Symposium</td>
<td>Closing the gap: novel translational research strategies</td>
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<td>08:30</td>
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<td>Symposium</td>
<td>Extracellular vesicles in lung disease pathogenesis</td>
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<td>08:30</td>
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<td>Symposium</td>
<td>New frontiers in lung transplantation</td>
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<tr>
<td>08:30</td>
<td>10:30</td>
<td>Hot topics</td>
<td>Immunity in COPD time for questions?</td>
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<tr>
<td>10:45</td>
<td>12:45</td>
<td>Symposium</td>
<td>Clinical relevance of COPD phenotyping</td>
<td>Clinical</td>
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<tr>
<td>10:45</td>
<td>12:45</td>
<td>Symposium</td>
<td>Complex breathing disorders during sleep</td>
<td>Clinical</td>
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<td>Symposium</td>
<td>The stage I non-small-cell lung cancer What a pulmonologist and thoracic surgeon should know</td>
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<td>10:45</td>
<td>12:45</td>
<td>Symposium</td>
<td>Occupational lung disease worldwide</td>
<td>Healthy Lungs for Life</td>
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<td>10:45</td>
<td>12:45</td>
<td>Session</td>
<td>London Respiratory Network overcoming the trend to increasing specialisation to benefit patients with complex respiratory needs</td>
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INDUSTRY SPONSORED SESSIONS

DISCLAIMER: THE PRACTICAL WORKSHOPS, EVENING SYMPOSIA, EVENING MINI-SYMPOSIA, EVENING EXPERT FORUM SESSIONS AND EARLY MORNING SYMPOSIA ARE ORGANISED BY INDUSTRY. YOU CANNOT CLAIM CME CREDITS FOR ATTENDING THESE SESSIONS.
<table>
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<th>ORGANISED BY</th>
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<tbody>
<tr>
<td>13:15</td>
<td>14:30</td>
<td>Industry Practical Workshop</td>
<td>iVAPS in life support and telemedicine in ventilation</td>
<td>ResMed</td>
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<tr>
<td>13:15</td>
<td>14:30</td>
<td>Industry Practical Workshop</td>
<td>Flexible and Rigid Bronchoscopy in Adults</td>
<td>Karl Storz GmbH &amp; Co.KG</td>
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<tr>
<td>13:15</td>
<td>14:30</td>
<td>Industry Practical Workshop</td>
<td>Quality assured LCI - overcoming challenges LCI for early detection and monitoring of Ventilation Inhomogeneity</td>
<td>ndd Medizintechnik AG</td>
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<tr>
<td>13:15</td>
<td>14:30</td>
<td>Industry Practical Workshop</td>
<td>FeNO: A valuable biomarker for Asthma Phenotyping</td>
<td>Aerocrine AB a Circassia company</td>
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<tr>
<td>13:15</td>
<td>14:30</td>
<td>Industry Practical Workshop</td>
<td>Sleep Disordered Breathing and Cardiovascular Disease</td>
<td>Philips</td>
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<tr>
<td>17:15</td>
<td>19:15</td>
<td>Industry evening symposium</td>
<td>Navigating the bronchial tube: connecting the routes for successful real-life outcomes in asthma care</td>
<td>Mundipharma International Ltd</td>
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<tr>
<td>17:15</td>
<td>19:15</td>
<td>Industry evening symposium</td>
<td>The role of IgE in allergic asthma: A glance to the past, a toast to the future</td>
<td>Novartis Pharma AG</td>
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<td>17:15</td>
<td>19:15</td>
<td>Industry evening symposium</td>
<td>Shaping the COPD landscape through early, optimal care</td>
<td>Boehringer Ingelheim Pharma GmbH &amp; Co. KG</td>
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<tr>
<td>17:15</td>
<td>19:15</td>
<td>Industry evening symposium</td>
<td>Asthma: This time, it’s personal.</td>
<td>GlaxoSmithKline</td>
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<tr>
<td>17:30</td>
<td>19:00</td>
<td>Industry evening mini symposium</td>
<td>«Coils for the treatment of advanced emphysema: evidence and learnings from randomized controlled programs.»</td>
<td>PneumRx Ltd, a BTG International group company</td>
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<td>17:30</td>
<td>19:00</td>
<td>Industry evening mini symposium</td>
<td>“Offering broader protection against influenza to your patients: the example of COPD”</td>
<td>GlaxoSmithKline Vaccines</td>
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**MONDAY 5 SEPTEMBER 2016**

<table>
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<tr>
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<td>14:30</td>
<td>Industry Practical Workshop</td>
<td>Bronchial Thermoplasty: Established Treatment for Severe Asthma</td>
<td>Boston Scientific International</td>
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<td>13:15</td>
<td>14:30</td>
<td>Industry Practical Workshop</td>
<td>iVAPS in life support and telemedicine in ventilation</td>
<td>Covidien AG</td>
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<td>14:30</td>
<td>Industry Practical Workshop</td>
<td>Disease Management of the COPD Patient</td>
<td>Philips</td>
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<td>13:15</td>
<td>14:30</td>
<td>Industry Practical Workshop</td>
<td>EBUS — State of the Art Training Interventional Pulmonology</td>
<td>FUJIFILM Europe</td>
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<tr>
<td>13:15</td>
<td>14:30</td>
<td>Industry Practical Workshop</td>
<td>Innovations towards personalized sleep therapy</td>
<td>PneumRx Ltd, a BTG International group company</td>
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<tr>
<td>17:15</td>
<td>19:15</td>
<td>Industry evening symposium</td>
<td>Personalised medicine in COPD: innovating to improve patient care</td>
<td>GlaxoSmithKline</td>
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<tr>
<td>17:15</td>
<td>19:15</td>
<td>Industry evening symposium</td>
<td>Exacerbation risk reduction in COPD patients: new evidence with dual bronchodilation</td>
<td>Novartis Pharma AG</td>
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<td>17:15</td>
<td>19:15</td>
<td>Industry evening symposium</td>
<td>Managing the symptomatic asthma patient – Options for the many and the few</td>
<td>Boehringer Ingelheim Pharma GmbH &amp; Co. KG</td>
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<td>17:15</td>
<td>19:15</td>
<td>Industry evening symposium</td>
<td>Where do we go from here? Personalised medicine and patient-focused care in IPF</td>
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<td>19:15</td>
<td>Industry evening symposium</td>
<td>Asthma Management Today, Tomorrow and in the Future</td>
<td>AstraZeneca</td>
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## INDUSTRY SPONSORED SESSIONS & WORKSHOPS

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<tr>
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<td>Industry evening symposium</td>
<td>Pfizer International Operations</td>
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<td>Industry evening symposium</td>
<td>Teva Branded Pharmaceutical Products R&amp;D, Inc</td>
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<tr>
<td>17:15</td>
<td>Industry evening symposium</td>
<td>ALK</td>
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<td>Pulmonx International SARL</td>
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<td>17:30</td>
<td>Industry evening mini symposium</td>
<td>Merck Sharp &amp; Dohme Corp.</td>
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## TUESDAY 6 SEPTEMBER 2016

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<td>17:15</td>
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<td>GlaxoSmithKline</td>
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<td>Industry evening symposium</td>
<td>Chiesi Farmaceutici S.p.A.</td>
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<td>17:15</td>
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<td>Industry evening symposium</td>
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<td>Industry evening mini symposium</td>
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<td>17:30</td>
<td>19:00</td>
<td>Industry evening expert forum</td>
<td>Merck &amp; Co. Inc.</td>
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<tr>
<td>17:30</td>
<td>19:00</td>
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<td>19:00</td>
<td>Industry evening mini symposium</td>
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<td>CSL Behring GmbH</td>
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<td>Inspire Medical Systems, Bluepro and Nightbalance</td>
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<td>Industry evening mini symposium</td>
<td>Zambon Spa</td>
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08:00 - 10:20

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Skills workshop: SW1 Inhaler techniques

**Aims:** To provide participants with the knowledge, skills, and tools needed to demonstrate the use of inhalation devices, and to coach and teach patients effectively; to provide an overview of the different types of models and how they function; to provide participants with the skills and knowledge needed to guide and train a patient to successfully use an inhaler; to give an overview on how inhalers perform in real-life scenarios; to teach participants how to successfully administer medication and how to avoid common mistakes.

**Track(s):** Physiology

**Tag(s):** Clinical

**Target audience:** Nurse, Sleep specialist/technologist, Clinician, Fellow, Physiologist

**Chairs:** Daniel Schuermans (Brussels, Belgium)

**Introduction**

<table>
<thead>
<tr>
<th>Workstation 1: Inhalation devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eric Derom (Gent, Belgium)</td>
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<table>
<thead>
<tr>
<th>Workstation 2: How to train a patient</th>
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<tr>
<td>Job van der Palen (Enschede, Netherlands)</td>
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<tr>
<th>Workstation 3: Inhaler techniques</th>
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<tr>
<td>Sibylla Bos (Deventer, Netherlands), Speaker to be confirmed</td>
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<tr>
<th>Workstation 4: Medication</th>
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<tr>
<td>Frans H.C. de Jongh (Enschede, Netherlands)</td>
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10:40 - 13:00

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Skills workshop: SW2 Inhaler techniques

**Aims:** To provide participants with the knowledge, skills, and tools needed to demonstrate the use of inhalation devices, and to coach and teach patients effectively; to provide an overview of the different types of models and how they function; to provide participants with the skills and knowledge needed to guide and train a patient to successfully use an inhaler; to give an overview on how inhalers perform in real-life scenarios; to teach participants how to successfully administer medication and how to avoid common mistakes.

**Track(s):** Physiology

**Tag(s):** Clinical

**Target audience:** Fellow, Clinician, Sleep specialist/technologist, Nurse, Physiologist

**Chairs:** Sven Verschraegen (Merelbeke, Belgium), Chair to be confirmed

**Introduction**

<table>
<thead>
<tr>
<th>Workstation 1: Inhalation devices</th>
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<tbody>
<tr>
<td>Daniel Schuermans (Brussels, Belgium)</td>
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<tr>
<th>Workstation 2: How to train a patient</th>
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<tr>
<td>Georgia Narsavage (Morgantown, United States of America)</td>
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<th>Workstation 3: Inhaler techniques</th>
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<tbody>
<tr>
<td>Titia Klemmeier-Boekhout (Bedum, Netherlands)</td>
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<tr>
<th>Workstation 4: Medication</th>
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<tbody>
<tr>
<td>Mike Thomas (Southampton, United Kingdom)</td>
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</table>

14:30 - 16:50

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Skills workshop: SW3 Inhaler techniques

**Aims:** To provide participants with the knowledge, skills, and tools needed to demonstrate the use of inhalation devices, and to coach and teach patients effectively; to provide an overview of the different types of models and how they function; to provide participants with the skills and knowledge needed to guide and train a patient to successfully use an inhaler; to give an overview on how inhalers perform in real-life scenarios; to teach participants how to successfully administer medication and how to avoid common mistakes.
Track(s) : Physiology
Tag(s) : Clinical
Target audience : Clinician, Nurse, Physiologist, Sleep specialist/technologist, Fellow
Chairs : Eric Derom (Ghent, Belgium)

Introduction

Workstation 1: Inhalation devices
Daniel Schuermans (Brussels, Belgium)

Workstation 2: How to train a patient
Job van der Palen (Enschede, Netherlands)

Workstation 3: Inhaler techniques
Titia Klemmeier-Boekhout (Bedum, Netherlands), Speaker to be confirmed

Workstation 4: Medication
Frans H.C. de Jongh (Enschede, Netherlands)

09:30 - 17:30

Professional development workshop: PD1 Spirometry: Train the trainer
ERS spirometry training programme

Aims : To provide participants with the knowledge and tools to teach high quality spirometry, and provide the necessary training for those who would like to train and certify participants for the European Spirometry Driving Licence Parts 1 and 2 within Europe.

Track(s) : Physiology
Tag(s) : Clinical
Target audience : Pulmonologists, respiratory physicians, nurses, lung function technicians, allied health professionals, and general practitioners.
Chairs : Irene Steenbruggen (Zwolle, Netherlands), Brendan Cooper (Birmingham, United Kingdom)

09:30 Welcome and introduction to the course
Odile Van Eck (Waalre, Netherlands), Vera Habes (Utrecht, Netherlands)

10:00 Overview of the European Spirometry Driving Licence training programmes
Brendan Cooper (Birmingham, United Kingdom), Irene Steenbruggen (Zwolle, Netherlands)

10:10 Principles of teaching and learning
Walther N. K. A. van Mook (Maastricht, Netherlands)

10:50 Break

11:20 European Spirometry Driving Licence-specific teaching and training
Felip Burgos (Barcelona, Spain)

11:50 Practical session on presentation and facilitation skills
Vera Habes (Utrecht, Netherlands), Odile Van Eck (Waalre, Netherlands)

12:20 Presentation from participants

13:00 Lunch

14:00 Providing effective feedback
Walther N. K. A. van Mook (Maastricht, Netherlands)

14:45 Discussion and feedback regarding the practical session
Vera Habes (Utrecht, Netherlands), Odile Van Eck (Waalre, Netherlands)

15:30 Break

16:00 Principles of assessment
Walther N. K. A. van Mook (Maastricht, Netherlands)

16:40 Assessment of the European Spirometry Driving Licence programme
Julie Lloyd (Birmingham, United Kingdom)
### Evaluation
Vera Habes (Utrecht, Netherlands), Odile Van Eck (Waalre, Netherlands)

<table>
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<th>Event</th>
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<tr>
<td></td>
<td><strong>Postgraduate Course: PG2 Advanced thoracic ultrasound</strong></td>
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<tr>
<td></td>
<td><strong>Enhance your sonography practice beyond identification of pleural fluid</strong></td>
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<tr>
<td></td>
<td><strong>Aims:</strong> To provide a solid theoretical framework for physicians wishing to develop their ultrasound skills; to encourage evidence-based practice, where possible; to highlight the utility of thoracic ultrasound beyond identification of pleural fluid, to include assessment of other thoracic structures; to demonstrate that, after suitable training, physicians may safely perform thoracic interventions (including image-guided pleural biopsies); and to complement the Thoracic Ultrasound Educational Skills Workshop.</td>
</tr>
<tr>
<td></td>
<td><strong>Track(s):</strong> Physiology</td>
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<td><strong>Tag(s):</strong> Clinical</td>
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<td><strong>Target audience:</strong> Clinician, Respiratory physician, Trainee, Pulmonologist, Fellow, Radiologist, Resident, Respiratory therapist, Thoracic surgeon, Cardiologist, Oncologist</td>
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<td><strong>Chairs:</strong> John Wrightson (Oxford, United Kingdom), Jouke T. Annema (Amsterdam, Netherlands)</td>
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<tr>
<td>09:30</td>
<td><strong>Physics of ultrasound</strong></td>
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<td>Emma J. Helm (Coventry, United Kingdom)</td>
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<tr>
<td>10:15</td>
<td><strong>Artefacts</strong></td>
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<tr>
<td>11:00</td>
<td><strong>Break</strong></td>
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<tr>
<td>11:30</td>
<td><strong>Pleural effusions and thickening</strong></td>
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<td>Ioannis Psallidas (Oxford, United Kingdom)</td>
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<tr>
<td>12:15</td>
<td><strong>Assessment of parenchymal abnormalities</strong></td>
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<td>Speaker to be confirmed</td>
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<tr>
<td>13:00</td>
<td><strong>Lunch</strong></td>
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<tr>
<td>14:00</td>
<td><strong>Pneumothorax</strong></td>
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<tr>
<td>14:45</td>
<td><strong>Vascular structures</strong></td>
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<tr>
<td></td>
<td>Anton Vonk Noordegraaf (Amsterdam, Netherlands), Speaker to be confirmed</td>
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<tr>
<td>15:30</td>
<td><strong>Break</strong></td>
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<tr>
<td>16:00</td>
<td><strong>Diaphragm assessment</strong></td>
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<td></td>
<td>John Wrightson (Oxford, United Kingdom)</td>
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<td>16:45</td>
<td><strong>Advanced intervention</strong></td>
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<td>Coenraad Frederik Nicolaas Koegelenberg (Cape Town, South Africa)</td>
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<th>Time</th>
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<td>Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.</td>
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<tr>
<td></td>
<td><strong>Postgraduate Course: PG5 How to reach peripheral solitary nodules</strong></td>
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<td><strong>Aims:</strong> To learn about the epidemiology of peripheral solitary nodules and the different techniques available to reach them.</td>
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<td><strong>Track(s):</strong> Oncology</td>
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<td><strong>Tag(s):</strong> Clinical</td>
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<td><strong>Chairs:</strong> Christophe Dooms (Leuven, Belgium), Gilbert Massard (Strasbourg, France)</td>
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<tr>
<td>09:30</td>
<td><strong>Peripheral solitary nodules: the epidemiology</strong></td>
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<td>Mathias Prokop (Nijmegen, Netherlands)</td>
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<td>10:15</td>
<td><strong>CT-guided needle approaches</strong></td>
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<td>Mark Wielpütz (Heidelberg, Germany)</td>
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<tr>
<td>11:00</td>
<td><strong>Break</strong></td>
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<tr>
<td>11:30</td>
<td><strong>The endoscopic solutions</strong></td>
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<td>Ralf Eberhardt (Heidelberg, Germany)</td>
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</tbody>
</table>
### Postgraduate Course: PG15 Muscle weakness and wasting in chronic obstructive pulmonary disease

**Assessment and treatment**

**Aims:**
- To describe the clinical importance of chronic obstructive pulmonary disease (COPD) muscle dysfunction, the risk factors, and the underlying mechanisms; to discuss the potential relationships and differences between exercise capacity and physical activity in COPD patients; to describe to what extent pulmonary rehabilitation and nutritional support may benefit patients with advanced COPD and severe comorbidities such as poor muscle function and muscle loss; to explore the mechanisms that underlie the impairment of skeletal muscle function and mass loss during acute exacerbations in COPD patients; and to describe the available strategies for treating acute exacerbation-induced muscle dysfunction and loss.

**Track(s):** Physiology

**Tag(s):** Translational

**Chairs:** Pierantonio Laveneziana (Paris, France), François Maltais (Quebec, Canada)

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<tbody>
<tr>
<td>14:00</td>
<td>Clinical relevance of COPD muscle dysfunction and body composition alterations, and their risk factors and underlying mechanisms</td>
<td>Esther Barreiro Portela (Barcelona, Spain)</td>
</tr>
<tr>
<td>14:30</td>
<td>Differences between exercise capacity and physical activity in COPD: from the lungs to the periphery</td>
<td>Roberto A. Rabinovich (Edinburgh, UK)</td>
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<td>15:00</td>
<td>Group assignment</td>
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<td>15:30</td>
<td>Break</td>
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<tr>
<td>16:00</td>
<td>Pulmonary rehabilitation and nutritional support in COPD patients with altered body composition and poor exercise capacity</td>
<td>Ioannis Vogiatzis (Athens, Greece)</td>
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<tr>
<td>16:30</td>
<td>Mechanisms underlying muscle dysfunction in COPD exacerbations</td>
<td>Annemie Schols (Maastricht, Netherlands)</td>
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<td>17:00</td>
<td>Group assignment</td>
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### Postgraduate Course: PG19 The lung in the septic critically-ill patient

**Aims:**
- To provide an update on the pathobiology of sepsis and the septic lung and how to support and treat septic critically-ill patients.

**Track(s):** Intensive care

**Tag(s):** Clinical

**Chairs:** Anastasia Kotanidou (Marousi, Greece), Antonio Artigas (Sabadell, Spain), Chair to be confirmed

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<th>Time</th>
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<th>Speaker/Location</th>
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<tbody>
<tr>
<td>14:00</td>
<td>The phenomenon of sepsis and the lung</td>
<td>Stylianos Orfanos (Athens, Greece)</td>
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<tr>
<td>14:45</td>
<td>How to treat the septic lung in critically-ill patients</td>
<td>Antoni Torres Marti (Barcelona, Spain)</td>
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<tr>
<td>15:30</td>
<td>Break</td>
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<tr>
<td>16:00</td>
<td>Fungal lung infections in critically-ill patients</td>
<td>Stijn Blot (Ghent, Belgium), Speaker to be confirmed</td>
</tr>
<tr>
<td>16:45</td>
<td>Immunomodulation in severe pneumonia: where do we stand?</td>
<td>Jean-Louis Vincent (Brussels, Belgium), Speaker to be confirmed</td>
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</tbody>
</table>
## Postgraduate Course: PG8 Paediatric asthma

**Aims:** To discuss the hot topics in epidemiology, specifically the new insights on the effects of prenatal and postnatal exposures, growth patterns, dietary factors, and genetics; to highlight the role of viruses and the airway microbiome in paediatric asthma; to learn about the options for personalised medicine in asthma; and to discuss the management of severe therapy-resistant asthma.

**Track(s):** Paediatric

**Tag(s):** Clinical

**Chairs:** Alexander Möller (Zurich, Switzerland), Giorgio Piacentini (Verona, Italy)

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<tr>
<th>Time</th>
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<tr>
<td>09:30</td>
<td>Viruses and bacteria in paediatric asthma</td>
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<td>Peter D. Sly (South Brisbane, Australia)</td>
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<td>10:15</td>
<td>Epidemiology of asthma and wheezing disorders</td>
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<td>Erika von Mutius (Munich, Germany)</td>
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<td>11:00</td>
<td>Break</td>
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<tr>
<td>11:30</td>
<td>Personalised medicine in paediatric asthma, including from the patient’s perspective</td>
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<td>Marielle Pijnenburg (Rotterdam, Netherlands)</td>
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<tr>
<td>12:15</td>
<td>Severe therapy-resistant asthma</td>
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<td>Urs Frey (Basel, Switzerland)</td>
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## Postgraduate Course: PG9 Recurrent respiratory infections in both children and adults

**Aims:** To describe the epidemiology of recurrent respiratory infections in both children and adults, evaluating the immunological work-up, patients’ characteristics and risk factors and clinical management and prevention in both populations.

**Track(s):** Infection, Paediatric

**Tag(s):** Clinical

**Chairs:** Martin Witzenrath (Berlin, Germany), Mark Everard (Perth, Australia)

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<th>Time</th>
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<tbody>
<tr>
<td>09:30</td>
<td>Challenges in diagnosing recurrent respiratory infections and immunological evaluation</td>
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<td></td>
<td>Speaker to be confirmed</td>
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<tr>
<td>10:15</td>
<td>Clinical management of children with recurrent respiratory infections</td>
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<td>Anne Bernadette Chang (Brisbane, Australia)</td>
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<tr>
<td>11:00</td>
<td>Clinical management of adults with recurrent respiratory infections</td>
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<td>Michael Tamm (Basel, Switzerland)</td>
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<tr>
<td>12:15</td>
<td>Primary and secondary prevention of recurrent respiratory infections</td>
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<td>James D. Chalmers (Perth, United Kingdom), Speaker to be confirmed</td>
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## Postgraduate Course: PG4 How to improve the success of noninvasive ventilation

**Aims:** To review the physiological rationale for giving patients with hypercapnia and hypoxaemic failure non-invasive ventilation (NIV) support; to provide an overview on the use of NIV in specific patient categories including those with chronic obstructive pulmonary disease (COPD), those who are being weaned from invasive ventilation, and those with congestive heart failure; to discuss the limitations of NIV; to describe new developments in NIV support; and to incorporate the patient perspective for a successful NIV.

**Track(s):** Intensive care

**Tag(s):** Clinical

**Chairs:** Antonio M. Esquinas (Murcia, Spain), Mark W. Elliott (Leeds, United Kingdom), Chair to be confirmed

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<th>Time</th>
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<tbody>
<tr>
<td>09:30</td>
<td>Non-invasive ventilatory support: physiology and interfaces</td>
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<td></td>
<td>Stefano Nava (Bologna, Italy)</td>
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</table>
Long-term application of NIV: success in obstructive and restrictive lung diseases
Michael Dreher (Aachen, Germany)

10:30 Group assignment

11:00 Break

NIV in the intensive care unit: how to improve the success rate in hypoxemic and hypercapnic patients
Paolo Navalesi (Vercelli, Italy)

12:00 Developments in NIV: unusual applications and new modes
Leo M.A. Heunks (Nijmegen, Netherlands)

12:30 Group assignment

14:00 - 17:30
Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.

Postgraduate Course: PG11 Assessing respiratory system resistance in children and adults
A focus on young children and older adults

Aims: To describe alternatives to spirometry that can be used to measure airways and respiratory system resistance, and especially evaluating young children and older adults who may have problems performing an accurate spirometric test; to describe the methods that are particularly useful in clinical settings and to some extent in primary care or outpatient departments; to present the principles, equipment, advantages, and disadvantages of well-known and recently developed alternative methods.

Track(s): Physiology, Paediatric
Tag(s): Basic science
Chairs: Ellie Oostveen (Edegem, Belgium), Jellien Makonga-Braaksma (Woudenberg, Netherlands), Chair to be confirmed

14:00 Introduction to airway resistance measurements
David Kaminsky (Burlington, United States of America)

14:45 Plethysmographic assessment of airway resistance
Jane Kirkby (London, United Kingdom)

15:30 Break

16:00 Oscillometry (FOT and IOS): definition and application
Waldemar Tomalak (Rabka-Zdroj, Poland)

16:45 Interrupter resistance
Peter J. F. M. Merkus (Nijmegen, Netherlands)

14:00 - 17:30
Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.

Postgraduate Course: PG17 Pulmonary haemodynamics during exercise

Aims: To describe the pathophysiological background of right heart catheterisation (RHC) and provide a full comprehensive update on the use of RHC for studying the pulmonary circulation; to describe practical issues regarding the assessment and interpretation of exercise pulmonary haemodynamics with a focus on the reliability and correct interpretation of measurements taken during exercise, zeroing, respiratory swings, normal responses, and different pathological patterns; to discuss from a practical point of view the role of non-invasive methods in assessing exercise pulmonary haemodynamics; and to incorporate the pulmonary arterial hypertension patient's perspective.

Track(s): Physiology
Tag(s): Clinical
Chairs: Marion Delcroix (Leuven, Belgium), Irene Lang (Vienna, Austria)

14:00 Pathophysiology of the pulmonary circulation
Andrew Peacock (Glasgow, United Kingdom)

14:45 Right heart catheterisation: how to avoid the most common mistakes
Michele D’Alto (Naples, Italy)

15:30 Break

16:00 Right heart catheterisation for assessing pulmonary exercise haemodynamics
Gabor Kovacs (Graz, Austria)
Non-invasive methods for assessing pulmonary exercise haemodynamics
Robert Naeije (Beersel, Belgium)

Postgraduate Course: PG12 Breathlessness over the life course
Aims: To describe the different causes of breathlessness and how the prevalence of these causes varies depending on the age of the patient; and to incorporate the breathless patient’s perspective.

Track(s): Paediatric, Physiology
Tag(s): Clinical
Chairs: Bjorn Stallberg (Uppsala, Sweden), Deborah Jarvis (London, United Kingdom)

Assessment of breathlessness over the life course
Christer Janson (Uppsala, Sweden)

The breathless infant
Fabio Midulla (Rome, Italy)

The breathless teenager
Vibeke Backer (Copenhagen, Denmark)

The breathless adult
Miriam Johnson (Hull, United Kingdom), Speaker to be confirmed

Breathlessness in the elderly
Hilary Pinnock (Edinburgh, United Kingdom)

Postgraduate Course: PG13 Inhaled antibiotics in respiratory infections
Aims: To provide an update on the use of inhaled antibiotics focusing on the evidence regarding their use in both acute and chronic respiratory infections; to delineate the areas of ongoing uncertainty and areas that require additional research.

Track(s): Infection, Intensive care
Tag(s): Translational
Chairs: Aran Singanayagam (London, United Kingdom), Eva Polverino (Barcelona, Spain)

Inhaled antibiotics: strengths and fears
Lucy B. Palmer (New York, United States of America), Speaker to be confirmed

Inhaled antibiotics in cystic fibrosis: what we should do and what we still do not know
Tobias Welte (Hannover, Germany)

Inhaled antibiotics in non-cystic fibrosis bronchiectasis: better than oral antibiotics?
Wim G. Boersma (Alkmaar, Netherlands)

Inhaled antibiotics in ventilator-associated pneumonia: treatment or prophylaxis?
Marcos I. Restrepo (San Antonio, United States of America)

Postgraduate Course: PG3 Advanced respiratory and cardiovascular exercise testing
In health and respiratory disease
Aims: To understand the physiological constraints of exercise tolerance and its application in clinical practice; to appreciate the optimal methods for testing lung mechanics and spirometry; to understand the different formats of exercise tests, their advantages and disadvantages, and their different prognostic values in adults and children; and to appreciate the usefulness of exercise testing for evaluating pharmacological and non-pharmacological interventions in clinical practice.
Track(s) : Physiology
Tag(s) : Clinical
Chairs : Susan Ward (Crickhowell, United Kingdom), Enrico Lombardi (Florence, Italy)

09:30  Respiratory mechanics: changes in disease
       Pierantonio Laveneziana (Paris, France)

10:00  Measuring exertional dyspnoea in health and disease
       Denis O'Donnell (Kingston, Canada)

10:30  Group assignment

11:00  Break

11:30  Cardiopulmonary exercise testing for evaluating muscle strength, endurance and pulmonary rehabilitation
       Rik Gosselink (Leuven, Belgium)

12:00  Lung function and exercise testing in preschool children
       Kai-Håkon Carlsen (Oslo, Norway), Speaker to be confirmed

12:30  Group assignment

14:00 - 17:30
Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.

Postgraduate Course: PG16 Infection control in epidemics: strengthening the evidence base for healthcare workers and the public
Joint PREPARE/ECDC course

Aims: To provide an overview of the essential evidence to prevent and manage infectious disease epidemics, incorporating new information from influenza, Ebola and MERS epidemics.

Track(s) : Infection
Tag(s) : Clinical
Target audience: Respiratory physician, Intensivist/critical care physician, Microbiologist, Allied health professional, Public health official, Scientist, General practitioner, Clinician, Emergency medicine doctor, Epidemiologist, Immunologist, Nurse, Pulmonologist
Chairs : Anita Simonds (London, United Kingdom), Pasi Penttinen (Stockholm, Sweden)

14:00  Protecting healthcare workers in epidemics and pandemics: the experience from MERS and Ebola
       Speaker to be confirmed

14:45  The role of epidemic intelligence and surveillance in predicting and managing epidemics
       Thomas Mollet (Solna, Sweden), Speaker to be confirmed

15:30  Break

16:00  Fusing ICU clinical care and clinical research in severe community acquired pneumonia
       Jean-Daniel Chiche (Paris, France), Speaker to be confirmed

16:45  Fast track trials for drug and vaccine development
       Laura Fregonese (London, United Kingdom), Speaker to be confirmed

09:30 - 17:30
Registration for this session is additional to the congress registration fee and is €220 on site, €200 standard or €155 for early bird registration.

Postgraduate Course: PG1 Asthma and chronic obstructive pulmonary disease
An update in assessment and treatment

Aims: To discuss the burden of chronic obstructive lung diseases; to explain the approaches used to assess airways function in these diseases, to provide an update on the mechanisms and treatment of exacerbations, to describe how deeper phenotyping of asthma and COPD will lead to more effective treatment of these diseases.
### Track(s): Infection, Paediatric, Epidemiology / Environment
### Tag(s): Clinical, Translational
### Target audience: Allergologist, Allied health professional, Clinician, Epidemiologist, General practitioner, Immunologist, Paediatrician, Pulmonologist, Trainee, Student
### Chairs: Ian Douglas Pavord (Oxford, United Kingdom), Gaetano Caramori (Ferrara, Italy)

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<tr>
<td>09:30</td>
<td>The burden of obstructive lung diseases</td>
<td>Anne Lindberg (Boden, Sweden)</td>
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<td>10:00</td>
<td>Monitoring asthma: state-of-the-art physiological, imaging, and biomarker assessments</td>
<td>Omar Usmani (London, United Kingdom)</td>
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<td>10:30</td>
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<td>11:00</td>
<td>Break</td>
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<tr>
<td>11:30</td>
<td>Asthma phenotypes</td>
<td>Sally Wenzel (Pittsburgh, United States of America)</td>
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<td>12:00</td>
<td>Asthma exacerbations in children: the paediatrician’s view</td>
<td>Bart Rottier (Groningen, Netherlands)</td>
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<td>13:00</td>
<td>Lunch</td>
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<tr>
<td>14:00</td>
<td>Monitoring COPD: state-of-the-art physiological, imaging, and biomarker assessments</td>
<td>Roland Buhl (Mainz, Germany)</td>
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<td>14:30</td>
<td>COPD phenotypes</td>
<td>Christopher E. Brightling (Leicester, United Kingdom)</td>
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<td>15:30</td>
<td>Break</td>
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<tr>
<td>16:00</td>
<td>Exacerbations of obstructive lung disease</td>
<td>Norbert Krug (Hannover, Germany)</td>
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<td>16:30</td>
<td>The future: treating specific endotypes</td>
<td>Peter J. Barnes (London, United Kingdom)</td>
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<td>17:00</td>
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### 09:30 - 13:00 Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.

### Postgraduate Course: PG6 Lung fibrosis and sarcoidosis
### Track(s): Paediatric, Epidemiology / Environment
### Tag(s): Clinical
### Target audience: Clinician, Paediatrician, Pulmonologist, Thoracic surgeon, Pathologist, Trainee, Student, Respiratory physician
### Chairs: Joachim Muller-Quernheim (Freiburg, Germany), Venerino Poletti (Forlì, Italy)

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<tr>
<td>09:30</td>
<td>The pathomechanism of lung fibrosis and sarcoidosis</td>
<td>Manuela Funke-Chambour (Bern, Switzerland)</td>
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<tr>
<td>10:15</td>
<td>Diagnostic and therapeutic standards in lung fibrosis and sarcoidosis</td>
<td>Katerina Antoniou (Héraklion, Greece)</td>
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<td>11:00</td>
<td>Break</td>
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<tr>
<td>11:30</td>
<td>Chronic interstitial lung disease in children: diagnosis and treatment</td>
<td>Annick Clement (Paris, France)</td>
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**12:15**  
Lung transplantation: the pros and cons  
Geert Verleden (Leuven, Belgium)

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**14:00 - 17:30**

Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.

**Postgraduate Course: PG14 Interventional pulmonology**

**Aims**: To describe the major indications and therapeutic modalities in interventional pulmonology.

**Track(s)**: Intensive care

**Tag(s)**: Clinical

**Target audience**: Pulmonologist, Thoracic surgeon, Respiratory therapist, Respiratory physician, Clinician, Radiologist, Fellow, Resident, Oncologist, Thoracic endoscopist

**Chairs**: Michela Bezzi (Brescia, Italy), Pallav L. Shah (London, United Kingdom)

**14:00**  
Central airway obstruction: laser, APC, stents and other techniques  
Christophe Dooms (Leuven, Belgium)

**14:30**  
Haemoptysis: the endoscopic options  
Arschang Valipour (Vienna, Austria)

**15:00**  
Group assignment

**15:30**  
Break

**16:00**  
Interventions for obstruction: endoscopic lung volume reduction/thermoplasty  
Daniela Gompelmann (Heidelberg, Germany)

**16:30**  
Solitary pulmonary nodules: approach options  
Stefano Gasparini (Ancona, Italy)

**17:00**  
Group assignment

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**09:30 - 13:00**

Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.

**Postgraduate Course: PG7 New guidelines for the classification and staging of lung cancer**

**Aims**: To present and disseminate the new guidelines concerning the pathological classification of lung cancer and the 9th American Joint Committee on Cancer staging guidelines; to analyse the molecular-pathological correlations in lung cancer; and to describe the staging techniques needed to implement the new guidelines.

**Track(s)**: Oncology

**Tag(s)**: Clinical

**Target audience**: Clinicians, epidemiologists, general practitioners, junior members, oncologists, pathologists, pulmonologists, residents, respiratory physicians, scientists, students, thoracic surgeons, and trainees.

**Chairs**: Bogdan Dragos Grigoriu (Iasi, Romania), Françoise Galateau-Salle (Caen, France)

**09:30**  
The new World Health Organisation classification of lung cancer  
Philipp A. Schnabel (Hamburg, Germany)

**10:15**  
Molecular-pathological correlations in lung cancer  
Elisabeth Brambilla (Grenoble, France)

**11:00**  
Break

**11:30**  
TNM descriptor and classification changes in the 8th edition  
Peter Goldstraw (London, United Kingdom)

**12:15**  
Staging techniques needed for implementing the new staging recommendations  
Torsten Gerriet Blum (Berlin, Germany)

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**14:00 - 17:30**

Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.

**Postgraduate Course: PG20 Thymic tumours**
**Aims:** To highlight the most important aspects of thymic tumours, namely, their classification, staging, the treatment options, and the assessment of treatment response; to address the role of surgery given the increasing availability of minimally-invasive video-assisted procedures for treating thymic tumours; and to learn how to apply in practice the structured approach to these patients, starting with the first contact with them.

**Track(s):** Oncology  
**Tag(s):** Clinical  
**Chairs:** Marco Lucchi (Pisa, Italy), Dragan R. Subotic (Belgrade, Republic of Serbia)

**14:00**  
**Modern definition of mediastinal compartments and the current approach to patients with an anterior mediastinal mass**  
Pier Luigi Filosso (Castellamonte, Italy), Speaker to be confirmed

**14:45**  
**Current histological classification and staging of thymomas**  
Thomas Tousseyn (Leuven, Belgium), Speaker to be confirmed

**15:30**  
**Break**

**16:00**  
**Treatment for thymic epithelial**  
Nicolas Girard (Bron, France), Speaker to be confirmed

**16:45**  
**Surgery in thymic tumours**  
Walter Klepetko (Vienna, Austria)

---

**Postgraduate Course: PG18 Sleep apnoea and comorbidities**

**Aims:** To provide an update on the interaction of common comorbidities in sleep apnoea patients and the clinical consequences of the association.

**Track(s):** Sleep  
**Tag(s):** Clinical  
**Chairs:** Maria Bonsignore (Palermo, Italy), Sophia E. Schiza (Heraklion, Greece)

**14:00**  
**Obstructive sleep apnoea and heart failure**  
Olaf Oldenburg (Bad Oeynhausen, Germany), Speaker to be confirmed

**14:45**  
**Sleep apnoea and diabetes: a complex relationship**  
Mary Ip (Hong Kong, Hong Kong)

**15:30**  
**Break**

**16:00**  
**Obstructive sleep apnoea and coronary artery disease**  
Yuksel Peker (Istanbul, Turkey)

**16:45**  
**Obstructive sleep apnoea and COPD: can we use autotitrating ventilatory devices?**  
Patrick Murphy (Oxted, United Kingdom)

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**Postgraduate Course: PG10 Tuberculosis management: a personalised clinical approach**

**Aims:** To update the knowledge and clinical skills of healthcare workers in the management of drug-susceptible tuberculosis; to improve the effectiveness of diagnosis, particularly in low-income areas; and to throw light on the necessary infection control activities.

**Track(s):** Infection  
**Tag(s):** Clinical  
**Target audience:** Clinician, Pulmonologist, TB specialist, Public health official, Nurse  
**Chairs:** Marc Lipman (London, United Kingdom), Ali Zumla (London, United Kingdom), Chair to be confirmed

**09:30**  
**Diagnostic opportunities in low-income countries**  
Keertan Dheda (Cape Town, South Africa)

**10:15**  
**When, where, and how to treat tuberculosis in multiple drug resistant patients**  
Payam Nahid (San Francisco, United States of America)
11:00  Break

11:30  In and outpatient infection control activities
       Riitta Dlodlo (Bulawayo, Zimbabwe)

12:15  Contact tracing to detect new patients and new infected cases
       Connie G.M. Erkens (The Hague, Netherlands)

09:00 - 10:30
Session: Primary Care Day: challenging times I
Clinical challenges in day-to-day primary care

Aims: The following challenges in primary care will be discussed: getting the right diagnosis; assessing the whole patient, especially in cases of multiple morbidities; changing patient behaviour (adherence, smoking); dealing with changing systems/organisations; and getting our head around the future (particularly with regard to personalised medicine). This first session of the ERS Primary Care day addresses three common challenges that we face in daily practice.

Chairs: Esther Metting (Groningen, Netherlands), Chair to be confirmed

09:00  The challenge of getting the right diagnosis: asthma and COPD, new diagnostic possibilities
       Thys Van Der Molen (Groningen, Netherlands)

09:30  The challenge of multi-morbidity: assessing and managing the whole patient
       Ioanna Tsiligianni (Heraklion, Crete, Greece)

10:00  The challenge of adherence: recognising and addressing poor adherence (in time limited consultations)
       Rob Horne (London, United Kingdom)

09:00 - 10:40
Session: China Session I
New perspectives in respiratory medicine

Aims: The session will present and discuss the new advances in respiratory medicine presented by experienced speakers from the ERS leadership and China. The session will offer participants an overview on pulmonary vascular medicine, sleep disorders, interventional respiratory medicine, COPD and tuberculosis, and the possibility to discuss similarities and differences in Europe and China.

Target audience: Clinicians and public health practitioners working on different fields of respiratory medicine, and policy makers responsible for implementing policies in respiratory medicine.

Chairs: Guy F Joos (Gent, Belgium), Chair to be confirmed

09:00  The diagnose and intervention of early-stage COPD
       Speaker to be confirmed

09:25  Asthma control: how can it be improved
       Guy F Joos (Gent, Belgium)

09:50  The research progress on pulmonary vascular diseases in China
       Zhenguo Zhai (Beijing, China)

10:15  Break

10:40 - 12:45
Session: China Session II
New perspectives in respiratory medicine

Aims: The session will present and discuss the new advances in respiratory medicine presented by experienced speakers from the ERS leadership and China. The session will offer participants an overview on pulmonary vascular medicine, sleep disorders, interventional respiratory medicine, COPD and tuberculosis, and the possibility to discuss similarities and differences in Europe and China.

Target audience: Clinicians and public health practitioners working on different fields of respiratory medicine, and policy makers responsible for implementing policies in respiratory medicine.

Chairs: Jørgen Vestbo (Manchester, United Kingdom), Chair to be confirmed

10:40  The prevalence of COPD in China: data from the latest national survey
       Speaker to be confirmed

11:05  Prevention and management of COPD exacerbations
       Jørgen Vestbo (Manchester, United Kingdom)
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Title</th>
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<tbody>
<tr>
<td>11:30</td>
<td>Establish the standardised diagnose and treatment system of sleeping apnoea in China</td>
<td>Fang Han (Beijing, China)</td>
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<tr>
<td>11:55</td>
<td>New perspectives in MDR-TB management</td>
<td>Giovanni Battista Migliori (Varese, Italy)</td>
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<tr>
<td>12:20</td>
<td>The progress and challenges on prevention and management of tuberculosis in China</td>
<td>Speaker to be confirmed</td>
</tr>
<tr>
<td>11:00 - 12:20</td>
<td>Session: Primary Care Day: challenging times II</td>
<td>Aims: The following challenges in primary care will be discussed: getting the right diagnosis; assessing the whole patient, especially in cases of multiple morbidities; changing patient behaviour (adherence, smoking); dealing with changing systems/organisations; and getting our head around the future (particularly with regard to personalised medicine). The second session of the day addresses four approaches to addressing challenges. Chairs: Jaime Correia de Sousa (Porto, Portugal), Jacqui Cooper (Nottingham, United Kingdom)</td>
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<tr>
<td>11:00</td>
<td>Leading quality in primary care: GPwSIs in the Netherlands</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>11:20</td>
<td>Promoting Fresh Air: addressing smoking cessation and indoor pollution</td>
<td>Niels Chavannes (Leiden, Netherlands)</td>
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<tr>
<td>11:40</td>
<td>Evaluating implementation: a framework for implementation science</td>
<td>Hilary Pinnock (Edinburgh, United Kingdom)</td>
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<tr>
<td>12:00</td>
<td>Developing primary healthcare: Slovenian primary care</td>
<td>Speaker to be confirmed</td>
</tr>
<tr>
<td>12:00 - 17:30</td>
<td>HERMES examination: HERMES Examination</td>
<td>Chairs: Silvia Ulrich (Zurich, Switzerland), Robert Primhak (Sheffield, United Kingdom)</td>
</tr>
<tr>
<td>13:00 - 15:00</td>
<td>Session: ERS/French Programme I</td>
<td>Aims: The aim of this session is to provide an updated overview of new therapeutics in various fields of respiratory medicine. Future drugs and strategies that might develop within the next 5 years will also be presented and discussed by internationally recognised experts. Note that the presentations will be conducted in French with dual projection of slides in French and English. Target audience: Clinician Chairs: Elisabeth H.D. Bel (Amsterdam, Netherlands), Philippe Delaval (Cesson, France)</td>
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<tr>
<td>13:00</td>
<td>Réduction volumique par spirales dans le traitement de l’emphysème sévèreLung reduction coil treatment in severe emphysema</td>
<td>Gaëtan Deslee (Reims, France)</td>
</tr>
<tr>
<td>13:30</td>
<td>Médecine personnalisée et BPCO: où en sommes-nous ?Personalised medicine and COPD: where are we now?</td>
<td>Nicolas Roche (Paris, France)</td>
</tr>
<tr>
<td>14:00</td>
<td>A la recherche des empreintes digitales de l’asthmeSearch of asthma fingerprints</td>
<td>Kian Fan Chung (London, United Kingdom)</td>
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<td>14:30</td>
<td>Syndrome obésité-hypoventilation: de la physiologie au traitementObesity hypoventilation: from pathophysiology to treatment</td>
<td>Jean-Paul Janssens (Geneva, Switzerland)</td>
</tr>
<tr>
<td>13:15 - 17:30</td>
<td>Session: Russia Session</td>
<td>Aims: The objective of this programme is to discuss epidemiology, pathology, diagnosis and management of idiopathic pulmonary fibrosis. Note that presentations will be presented also in Russian. Dual projection of the slides will be available in English and Russian.</td>
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<tr>
<td>13:15</td>
<td>Idiopathic pulmonary fibrosis</td>
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</table>
**Target audience**: Pulmonologist, GPs, thoracic surgeons, morphologist, imaging-specialists.

**Chairs**: Alexander G. Chuchalin (Moscow, Russian Federation), Katerina Antoniou (Heraklion, Greece), Chair to be confirmed

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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>13:15</td>
<td>Idiopathic pulmonary fibrosis: classification, epidemiology, course and prognosis</td>
<td>Katerina Antoniou (Heraklion, Greece)</td>
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<tr>
<td>13:45</td>
<td>Pathology of idiopathic interstitial pneumonias</td>
<td>Evgenia Kogan (Moscow, Russian Federation)</td>
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<tr>
<td>14:15</td>
<td>Approach to diagnosis of idiopathic pulmonary fibrosis</td>
<td>Ulrich Costabel (Essen, Germany)</td>
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<tr>
<td>14:45</td>
<td>Imaging of idiopathic pulmonary fibrosis</td>
<td>Igor Tyurin (Moscow, Russian Federation)</td>
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<tr>
<td>15:15</td>
<td>Break</td>
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<tr>
<td>15:30</td>
<td>Medication therapy of idiopathic pulmonary fibrosis</td>
<td>Luca Richeldi (Southampton, United Kingdom)</td>
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<tr>
<td>16:00</td>
<td>Lung transplantation in idiopathic pulmonary fibrosis</td>
<td>Alexander G. Chuchalin (Moscow, Russian Federation), Evgeny Tarabrin (Moscow, Russian Federation)</td>
</tr>
<tr>
<td>16:30</td>
<td>Exacerbation of idiopathic pulmonary fibrosis</td>
<td>Sergey Avdeev (Moscow, Russian Federation)</td>
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<tr>
<td>17:00</td>
<td>Registry of idiopathic pulmonary fibrosis patients</td>
<td>Martina Vašáková (Prague, Czech Republic)</td>
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</tbody>
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13:30 - 14:30

**Session: Primary Care Day: challenging times III**

**Meeting tomorrow's challenge**

**Aims**: The following challenges in primary care will be discussed: getting the right diagnosis; assessing the whole patient, especially in cases of multiple morbidities; changing patient behaviour (adherence, smoking); dealing with changing systems/organisations; and getting our head around the future (particularly with regard to personalised medicine). The third session of the day highlights three innovative approaches for the future.

**Chairs**: Janwillem Kocks (Groningen, Netherlands), Karin Lisspers (Gagnef, Sweden)

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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>13:30</td>
<td>Developing tomorrow's leaders: UK respiratory leaders programme</td>
<td>Noel Baxter (London, United Kingdom)</td>
</tr>
<tr>
<td>13:50</td>
<td>Using big data to change healthcare: improving quality of care with routine data</td>
<td>Brendan Delaney (London, United Kingdom)</td>
</tr>
<tr>
<td>14:10</td>
<td>Tomorrow’s medicine today: overview of personalised medicine and insights into tomorrow’s world</td>
<td>Alvar Agusti Garcia-Navarro (Barcelona, Spain)</td>
</tr>
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</table>

15:00 - 16:30

**Session: Primary Care Day: challenging times IV**

**Grand Round**

**Aims**: The following challenges in primary care will be discussed: getting the right diagnosis; assessing the whole patient, especially in cases of multiple morbidities; changing patient behaviour (adherence, smoking); dealing with changing systems/organisations; and getting our head around the future (particularly with regard to personalised medicine). The final session of the day builds on the insights of the day to consider solutions for familiar clinical challenges.

**Chairs**: Janwillem Kocks (Groningen, Netherlands), Karin Lisspers (Gagnef, Sweden)

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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>15:00</td>
<td>Challenges and solutions from primary care clinical practice: interactive case presentations</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>16:00</td>
<td>Panel discussion: expert panel of primary and secondary care</td>
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15:30 - 17:30

**Session: ERS/French Programme II**

**Guidelines, new diagnostic & therapeutic tools to help pulmonologists: all the reasons why we cannot ignore them anymore**
**Aims:** This session will focus on new diagnostic tools and therapeutic approaches that will help pulmonologists to treat or prevent respiratory disorders. It will also cover therapeutic aspects in pulmonary hypertension and intensive care medicine. Note that the presentations will be conducted in French with dual projection of slides in French and English.

**Target audience:** Clinician

**Chairs:** François Chabot (Vandoeuvre-les-Nancy, France), Guy F Joos (Gent, Belgium)

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<tr>
<th>Time</th>
<th>Presentation</th>
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<tbody>
<tr>
<td>15:30</td>
<td><strong>Recommandations européennes ERS/ESC pour le diagnostic et la prise en charge de l’hypertension</strong></td>
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<td></td>
<td>pulmonaire ERS/ESC European guidelines for the diagnosis and treatment of pulmonary hypertension</td>
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<td></td>
<td>Marc Humbert (Paris, France)</td>
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<td>16:00</td>
<td><strong>La diffusion pulmonaire du monoxyde d’azote (DL NO): des recommandations pratiques aux</strong></td>
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<td>applications cliniques Lung transfer of Nitric Oxide (DL NO): from practical guidelines to clinical</td>
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<td>applications</td>
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<td></td>
<td>Anh Tuan Dinh-Xuan (Paris, France)</td>
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<tr>
<td>16:30</td>
<td><strong>Fibrose pulmonaire idiopathique: de la détection précoce au traitement</strong></td>
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<td></td>
<td>idiopathic pulmonary fibrosis: from early detection to treatment</td>
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<td></td>
<td>Vincent Cottin (Lyon, France)</td>
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<td>17:00</td>
<td><strong>Nouvelles perspectives thérapeutiques dans la tuberculose multi-résistante</strong></td>
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<td>New perspectives in the treatment of MDR-TB</td>
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<td>Giovanni Battista Migliori (Varese, Italy)</td>
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**17:00 - 17:50**

**Group members' meeting:** 7.1 Paediatric respiratory physiology

**Chairs:** Graham Hall (West Perth, Australia), Refika Hamutcu Ersu (Istanbul, Turkey)
07:00 - 08:15

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

**Challenging clinical cases: CC1 Breathless cases**

**Aims**: To describe the mechanisms by which hypoxia is sensed in the body, the many effects of hypoxia or abnormal hypoxia sensing on the body and its clinical consequences; to provide a diagnostic strategy that is based on physiological reasoning; to discuss therapeutic approaches and the important role of iron; to show whether breathlessness is due to hypoxia or abnormal hypoxia sensing.

**Track(s)**: Physiology

**Tag(s)**: Clinical

**Chairs**: Sean Gaine (Dublin, Ireland)

- Living at high altitude in the Netherlands
  Anton Vonk Noordegraaf (Amsterdam, Netherlands)

- How low can you go
  Luke Howard (London, United Kingdom)

07:00 - 08:15

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

**Challenging clinical cases: CC2 Children’s interstitial lung disease**

**Aims**: To demonstrate and promote the benefits of proactive interactions between specialists in rare lung diseases in children; to help clinicians from countries that are not currently linked to ChILD-EU; to present difficult cases for expert review; and to increase understanding of ChILD conditions and how interactions between clinical, genetic, radiological, and histopathological specialists can help to reach a diagnosis; to provide a patient’s perspective on the ChILD project.

**Track(s)**: Paediatric

**Tag(s)**: Clinical

**Chairs**: Matthias Griese (Munich, Germany), Carlee Gilbert (London, United Kingdom)

- How radiology can help to diagnose ChILD
  Alistair Calder (London, United Kingdom)

- A logical approach to the histology of ChILD
  Aurore Coulomb L’Hermine (Paris, France), Speaker to be confirmed

08:00 - 10:20

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

**Skills workshop: SW5 Thoracic ultrasound**

**Aims**: To provide participants with an update on thoracic ultrasound knowledge and an opportunity to practise basic hands-on skills using training models, simulators, volunteers and patients.

**Track(s)**: Clinical

**Chairs**: Nick Maskell (Bristol, United Kingdom)

- Introduction

- Workstation 1: The normal human thoracic cavity
  Speaker to be confirmed

- Workstation 2: Pleural effusion and/or pleural thickening

- Workstation 3: Case studies
  John Wrightson (Oxford, United Kingdom)

- Workstation 4: Guided pleural aspiration and lymph node biopsy using models
  Rahul Bhatnagar (Bristol, United Kingdom), Nick Maskell (Bristol, United Kingdom), Duneesha De Fonseka (Bristol, United Kingdom)
### 08:00 - 10:20

**Skills workshop: SW4 Difficult airway management in an intensive care unit**

**Difficult intubation**

**Aims**: To provide an opportunity to receive hand-on training for managing difficult airways with supraglottic devices, fiberoptic techniques, and video-assisted intubation.

**Track(s)**: Intensive care

**Tag(s)**: Clinical

**Target audience**: Anaesthesiologist, Clinician, Emergency medicine doctor, Fellow, Intensivist/critical care physician, Pulmonologist, Resident, Respiratory physician, Respiratory therapist, Thoracic surgeon

**Chairs**: Cesare Gregoretti (Turin, Italy)

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<th><strong>Workstation</strong></th>
<th><strong>Description</strong></th>
<th><strong>Chairs</strong></th>
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<tbody>
<tr>
<td><strong>1</strong></td>
<td>Supraglottic devices in difficult airways: tricks and traps</td>
<td>Laszlo Szegedi (Brussels, Belgium)</td>
</tr>
<tr>
<td><strong>2</strong></td>
<td>Nasal and oral fiberoptic intubation for elective intubation</td>
<td>Mohamed El Tahan (Dammam, Saudi Arabia)</td>
</tr>
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<td><strong>3</strong></td>
<td>Video-assisted intubation (1)</td>
<td>Nandor Marczin (Harefield, United Kingdom)</td>
</tr>
<tr>
<td><strong>4</strong></td>
<td>Video-assisted intubation (2)</td>
<td>Mert Senturk (Istanbul, Turkey)</td>
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### 10:40 - 13:00

**Skills workshop: SW6 Difficult airway management in an intensive care unit**

**Difficult intubation**

**Aims**: To provide an opportunity to receive hand-on training for managing difficult airways with supraglottic devices, fiberoptic techniques, and video-assisted intubation.

**Track(s)**: Intensive care

**Tag(s)**: Clinical

**Target audience**: Anaesthesiologist, Clinician, Emergency medicine doctor, Fellow, Intensivist/critical care physician, Pulmonologist, Resident, Respiratory physician, Respiratory therapist, Thoracic surgeon

**Chairs**: Chair to be confirmed

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<tbody>
<tr>
<td><strong>1</strong></td>
<td>Supraglottic devices in difficult airways: tricks and traps</td>
<td>Christian Bruells (Aachen, Germany)</td>
</tr>
<tr>
<td><strong>2</strong></td>
<td>Nasal and oral fiberoptic intubation for elective intubation</td>
<td>Marcelo Gama de Abreu (Dresden, Germany)</td>
</tr>
<tr>
<td><strong>3</strong></td>
<td>Video-assisted intubation (1)</td>
<td>Cesare Gregoretti (Turin, Italy)</td>
</tr>
<tr>
<td><strong>4</strong></td>
<td>Video-assisted intubation (2)</td>
<td>Alaa Khidr (Dammam, Saudi Arabia)</td>
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### 14:30 - 16:50

**Skills workshop: SW8 Difficult airway management in an intensive care unit**

**Difficult intubation**

**Aims**: To provide an opportunity to receive hand-on training for managing difficult airways with supraglottic devices, fiberoptic techniques, and video-assisted intubation.
Track(s): Intensive care
Tag(s): Clinical
Target audience: Anaesthesiologist, Clinician, Emergency medicine doctor, Fellow, Intensivist/critical care physician, Pulmonologist, Resident, Respiratory physician, Respiratory therapist, Thoracic surgeon
Chairs: Nandor Marczin (Harefield, United Kingdom), Chair to be confirmed

Introduction

Workstation 1: Supraglottic devices in difficult airways: tricks and traps
Laszlo Szegedi (Brussels, Belgium)

Workstation 2: Nasal and oral fiberoptic intubation for elective intubation
Marcelo Gama de Abreu (Dresden, Germany)

Workstation 3: Video-assisted intubation (1)
Christian Bruells (Aachen, Germany)

Workstation 4: Video-assisted intubation (2)
Mert Senturk (Istanbul, Turkey)

10:40 - 13:00
Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Skills workshop: SW7 Thoracic ultrasound
Aims: To provide participants with an update on thoracic ultrasound knowledge and an opportunity to practise basic hands-on skills using training models, simulators, volunteers and patients.
Tag(s): Clinical
Target audience: Fellow, Pulmonologist, Radiologist, Resident, Respiratory physician, Respiratory therapist, Thoracic surgeon
Chairs: Nick Maskell (Bristol, United Kingdom)

Introduction

Workstation 1: The normal human thoracic cavity
Speaker to be confirmed

Workstation 2: Pleural effusion and/or pleural thickening
Ioannis Psallidas (Oxford, United Kingdom)

Workstation 3: Case studies
Najib M. Rahman (Oxford, United Kingdom)

Workstation 4: Guided pleural aspiration and lymph node biopsy using models
Rahul Bhatnagar (Bristol, United Kingdom), Speaker to be confirmed

14:30 - 16:50
Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Skills workshop: SW9 Thoracic ultrasound
Aims: To provide participants with an update on thoracic ultrasound knowledge and an opportunity to practise basic hands-on skills using training models, simulators, volunteers and patients.
Tag(s): Clinical
Target audience: Fellow, Pulmonologist, Radiologist, Resident, Respiratory physician, Respiratory therapist, Thoracic surgeon
Chairs: Najib M. Rahman (Oxford, United Kingdom)

Introduction

Workstation 1: The normal human thoracic cavity
Speaker to be confirmed

Workstation 2: Pleural effusion and/or pleural thickening
Ioannis Psallidas (Oxford, United Kingdom)

Workstation 3: Case studies
John Wrightson (Oxford, United Kingdom)
Workstation 4: Guided pleural aspiration and lymph node biopsy using models
Coenraad Frederik Nicolaas Koegelenberg (Cape Town, South Africa), Duneesha De Fonseka (Bristol, United Kingdom)

13:00 - 14:00
Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Meet the expert: ME1 Biomarkers for interstitial lung disease
Aims: To critically review the most recent findings in interstitial lung disease (ILD) biomarker research including discovery tools; and to understand how biomarkers could be used to clinically manage specific forms of ILD such as idiopathic pulmonary fibrosis (IPF) or connective tissue disease (CTD)-ILD.
Tag(s): Translational
Chairs:
13:00 Biomarkers for interstitial lung disease
Martin Kolb (Hamilton, Canada)

13:00 - 14:00
Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Meet the expert: ME2 New treatment approaches for idiopathic pulmonary fibrosis
Aims: To review the drug development landscape for idiopathic pulmonary fibrosis (IPF) in the light of the newly approved anti-fibrotic drugs pirfenidone and nintedanib; and to discuss the preclinical, methodological, and clinical challenges in IPF drug development.
Tag(s): Translational
Chairs:
13:00 New treatment approaches for IPF
Luca Richeldi (Southampton, United Kingdom)

13:00 - 14:00
Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Meet the expert: ME3 Fiberoptic bronchoscopy in children
Aims: To describe the more common indications for fiberoptic bronchoscopy in children; to review the risks and benefits of fiberoptic bronchoscopy for the patient.
Track(s): Paediatric
Tag(s): Clinical
Target audience: Otolaryngologist, Paediatrician, Pulmonologist, Student, Junior member, Fellow
Chairs:
13:00 Fiberoptic bronchoscopy in children
Angelo Barbato (Padova, Italy)

13:00 - 14:00
Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Meet the expert: ME4 Pulmonary arteriovenous malformations Including hereditary haemorrhagic telangiectasia
Aims: To understand the risks posed by pulmonary arteriovenous malformations (PAVMs); to know how to initiate the appropriate management for patients with PAVMs when they present with symptoms or when the PAVM is found incidentally by chest radiography or thoracic computer tomography scanning; to be able to apply the different management principles for hypoxaemia and polycythaemia in PAVMs compared to other respiratory diseases and be able to recognise the additional challenges that are posed by hereditary haemorrhagic telangiectasia (HHT), which frequently associates with PAVM. A patient participant will be included in the session.
Track(s): Paediatric
Tag(s): Clinical
Chairs:
13:00 Pulmonary arteriovenous malformations
Claire Shovlin (London, United Kingdom)
07:30 - 08:20

Group members' meeting: 1.1 Clinical Problems
**Chairs:** Mohankumar Thekkinkattil (Coimbatore, India), Laura Fregonese (London, United Kingdom)

07:30 - 08:20

Group members' meeting: 1.3 Imaging
**Chairs:** Aleksandar Grgic (Homburg/Saar, Germany), Johan Coolen (Leuven, Belgium)

07:30 - 08:20

Group members' meeting: 1.5 Diffuse parenchymal lung disease
**Chairs:** Katerina Antoniou (Heraklion, Greece), Francesco Bonella (Dusseldorf, Germany)

07:30 - 08:20

Group members' meeting: 3.1 Molecular pathology and functional genomics
**Chairs:** Philippe Bonniaud (Dijon, France), Aurelie Fabre (Dublin, Ireland)

07:30 - 08:20

Group members' meeting: 6.2 Occupational and environmental health
**Chairs:** Paul Blanc (San Francisco, United States of America), Paul Cullinan (London, United Kingdom)

07:30 - 08:20

Group members' meeting: 5.2 Monitoring airway disease
**Chairs:** Stylianos Loukides (Voula, Athens, Greece), Jose Luis Lopez-Campos Bodineau (Sevilla, Spain)

07:30 - 08:20

Group members' meeting: 5.3 Allergy and immunology
**Chairs:** Hans Jürgen Heinrich Hoffmann (Århus, Denmark), Apostolos Bossios (Gothenburg, Sweden)

07:30 - 08:20

Group members' meeting: 6.3 Tobacco, smoking control and health education
**Chairs:** Paraskevi Katsaounou (Athens, Greece), Sofia Ravara (Covilha, Portugal)

08:00 - 16:00

Professional development workshop: PD2 EBUS train the trainer
**Part 3 - Supervised training and portfolio**

**Chairs:**

**EBUS train the trainer**
Felix J.F. Herth (Heidelberg, Germany), Lars Konge (Virum, Denmark), Jouke T. Annema (Amsterdam, Netherlands), Paul Frost Clementsen (Copenhagen, Denmark)

09:00

**Lunch**

12:00

**EBUS train the trainer**
Felix J.F. Herth (Heidelberg, Germany), Lars Konge (Virum, Denmark), Paul Frost Clementsen (Copenhagen, Denmark), Speaker to be confirmed

13:00

08:30 - 10:30

Symposium: Lung involvement in systemic disorders
an update to this neglected field

**Aims:** Many systemic disorders have lung involvement that is often neglected. The modern pulmonologist must follow a holistic approach. Recently, chest physicians have realised that several diseases, including IgG4 disease, transfusion-related acute lung injury (TRALI), and diabetes, have significant lung involvement. An update in this field is needed.

**Tag(s):** Clinical

**Chairs:** Vincent Cottin (Lyon, France), Maurizio Marvisi (Cremona, Italy)
Symposium: COPD case-finding: how can we find the missing millions?

Aims: The aim of this session is to summarise and discuss the latest findings regarding the identification of patients with undiagnosed but symptomatic COPD. The session will include a review of studies evaluating the clinical- and cost-effectiveness of different COPD case-finding approaches; an overview of the algorithms that have been derived from primary care records and that aim to improve the efficiency of COPD case-finding; a discussion of the views of GPs, healthcare professionals, and patients on COPD case-finding; and an overview of the pros and cons of a structured screening programme and the gaps in the evidence.

Tag(s): Clinical

Chairs: Peymane Adab (Birmingham, United Kingdom), Barbara Yawn (Rochester, United States of America)

08:30 What is the most clinically- and cost-effective approach for identifying undiagnosed COPD? Helgo Magnusson (Grosshansdorf, Germany)

09:00 Can we use GP databases to improve the efficiency of screening for undiagnosed COPD? Jennifer Quint (London, United Kingdom)

09:30 Screening for COPD in non-smokers Sundeep Santosh Salvi (Pune, India)

10:00 What do patients and GPs think about identifying undiagnosed COPD? Mike Thomas (Southampton, United Kingdom)

Symposium: Immunotherapy: the lethal weapon against thoracic malignancies?

Aims: To focus on the principles of immunotherapy and various clinical treatment strategies as immunotherapy will most likely change current practice in the treatment of thoracic malignancies; to highlight the most relevant clinical data regarding lung cancer and malignant pleural mesothelioma.

Track(s): Oncology

Tag(s): Clinical

Chairs: Rainer G. Wiewrodt (Münster, Germany), Maha Zohra Ladjemi (Brussels, Belgium), Chair to be confirmed

08:30 Rationale and targets of immunotherapy in thoracic malignancies Speaker to be confirmed

09:00 Current place and future of immunotherapy in lung cancer Arnaud Scherpereel (Lille, France), Speaker to be confirmed

09:30 Immunotherapy for malignant pleural mesothelioma: ready for clinical practice? Steven Albelda (Philadelphia, United States of America)

10:00 How to select good candidates for immunotherapy against thoracic malignancies Sylvie Lantuejoul (Lyon, France), Speaker to be confirmed

Symposium: Nerves in airway disease: genotype, phenotype and endotype

Aims: This session will describe how airway nerves may be involved in the pathophysiology and symptomatology of chronic lung disease, highlight how neuronal responses may be exaggerated in respiratory diseases, describe the mechanisms involved in these exaggerated responses and how studies in translational models of disease may lead to new therapeutic strategies.
**Track(s):** Physiology

**Tag(s):** Translational

**Target audience:** Clinician, Fellow, General practitioner, Pharmaceutical industry representative, Physiologist, Pulmonologist, Researcher, Respiratory physician, Student

**Chairs:** Alyn Hugh Morice (Cottingham, United Kingdom), Jeroen Vanoirbeek (Leuven, Belgium), Chair to be confirmed

**08:30**

**Feel the pain: lessons learnt from other sensory systems**
Speaker to be confirmed

**09:00**

**Translational challenge models: identifying disease phenotypes**
Maria Gabriela Belvisi (London, United Kingdom)

**09:30**

**Central neuronal phenotypes in lung disease**
Stuart Mazzone (Brisbane, Australia)

**10:00**

**Emerging therapies for neuronal dysfunction and cough**
Jaclyn Smith (Manchester, United Kingdom)

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**08:30 - 10:30**

**Session: ERS-ALAT-SBPT-SEPAR-SPP joint session: Spanish and Portuguese Session I**

**Aims:** The aims of this session is to discuss key issues in respiratory medicine, providing the opportunity to hear about the latest scientific developments. Note that the presentations will be conducted in Spanish, Portuguese or English with dual projection of slides in Spanish/Portuguese and English.

**Target audience:** ERS International Congress participants from Spanish and Portuguese speaking countries, and all others welcome.

**Chairs:** Renato Maciel (Belo Horizonte, Brazil), Inmaculada Alfageme Michavila (Sevilla, Spain)

**08:30**

**Introduction by the Presidents**
Inmaculada Alfageme Michavila (Sevilla, Spain), Renato Maciel (Belo Horizonte, Brazil)

**08:40**

**Pulmonary amyloidosis: case review**
Klaus Loureiro Irion (Salford, United Kingdom)

**09:10**

**Obstructive sleep apnoea and arterial hypertension**
Fernando Eduardo Barbe Illa (Lleida, Spain)

**09:40**

**Introduction to Keynote Lecture**
Giovanni Battista Migliori (Varese, Italy)

**09:45**

**Accelerated ageing in COPD and its comorbidities: novel therapies for the future**
Peter J. Barnes (London, United Kingdom)

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**08:30 - 10:30**

**Session: ERS publications: a focus on recent guidelines and task forces**

**Aims:** The aim of this session is to highlight recent guidelines and task force published in ERS publications.

**Target audience:** Respiratory physicians, nurses, students in training.

**Chairs:** Anita Simonds (London, United Kingdom), Sergio Alfonso Harari (Milan, Italy), Anh Tuan Dinh-Xuan (Paris, France)

**08:30**

**Pulmonary hypertension**
Marc Humbert (Paris, France)

**09:00**

**Chronic pulmonary aspergillosis**
Speaker to be confirmed

**09:30**

**Care of adults with cystic fibrosis**
Stuart Elborn (Belfast, United Kingdom), Speaker to be confirmed

**10:00**

**Management of latent Mycobacterium tuberculosis infection: WHO guidelines for low tuberculosis burden countries**
Haileyesus Getahun (Geneva, Switzerland)

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**08:30 - 10:30**

**Year in review: Scientific Year in Review 2016**
preceded by Ceremony for the ERS Romain Pauwels Research Award

**Aims:** This session will give the delegates a state-of-the-art update on key scientific topics in respiratory field.
Tag(s): Translational
Target audience: Researcher, Scientist, and all who have a strong interest in science.
Chairs: Christian M. Kähler (Wangen im Allgäu, Germany), Stefano Aliberti (Milan, Italy)

08:30 Ceremony for the ERS Romain Pauwels Research Award

08:40 From the bench: promising new targets and molecules
Ian M. Adcock (London, United Kingdom)

09:07 From the bedside: upcoming new clinical strategies
Neal Navani (London, United Kingdom), Speaker to be confirmed

09:34 Drug development: news from "hot" phase II trials
Bruno Crestani (Paris, France)

10:01 About what the scientific world is talking in 2016: "The Lung Microbiome"
Robert Dickson (Ann Arbor, United States of America)

08:30 - 10:30 Poster Discussion: Infections, sepsis and pulmonary embolism
Chairs:

Comparison between bronchoscopic BAL and non-bronchoscopic BAL in patients with VAP
Sami Eldahdouh, Speaker to be confirmed

Usefulness of procalcitonin as a predictor for bacteremia and prognosis in severe sepsis
Min Kwang Byun, Yoon Soo Chang, Hyung Jung Kim, Chul Min Ahn, Speaker to be confirmed

Removal of extracellular ATP improves fMLP-induced neutrophil chemotaxis
Xiaoo Li, Yutaka Kondo, Y.I. Bao, Laura Staudenmaier, Albert Lee, Jingqing Zhang, Carola Ledderose, Fuyi Wang, Wolfgang Junger, Speaker to be confirmed

Emergency asthma care in England: Themes identified during audits at five hospital trusts
Ian Clifton, Patrick Dennison, James McCreanor, Sean Parker, Dominick Shaw, On Behalf of the Asthma A&E Project, Speaker to be confirmed

Runtime and aPTT predict venous thrombosis and thromboembolism in patients on extracorporeal membrane oxygenation: A retrospective analysis
Franziska Trudzinski, Peter Minko, Daniel Rapp, Sebastian Fändrich, Hendrik Haake, Myriam Haab, Rainer M. Bohle, Monika Flaim, Franziska Kaestner, Robert Bals, Heinrike Wilken, Ralf M. Muellenbach, Andreas Link, Christian Lensch, Heinrich V. Groesendonk, Frank Langer, Philipp M. Lepper, Speaker to be confirmed

Pulmonary originated sepsis: Can N/L ratio be used as follow-up marker?
Rabia Sari, Mustafa Ay, Emin Çelik, Uğur Yalaz Tekan, Fulya Çiğiyotlepe, Feyza Kargin, Cuneyt Salturk, Özlem Mocin, Gokay Gungor, Nalan Adiguzel, Zulal Karakuş, Speaker to be confirmed

Pulmonary embolism in an emergency care unit of Southern Italy: Evaluation of predictive factors from clinical history and physical exam
Baldassare Canino, Davide Noto, Vincenzo Paternò, Emanuela Fertitta, Eugenia Hopps, Francesco Brocato, Antonina Giammanco, Maurizio Averna, Rosario Squatrito, Speaker to be confirmed

Use of high-flow nasal cannula in the emergency department
Vanessa Romina Ruiz, Germán Federico Mayer, Nicolás Gustavo Roux, Hugo Alberto Peralta, Speaker to be confirmed

Methotrexate reduces acute lung injury in a murine model of sepsis
Josep Bringue, Raquel Guillamat-Prats, Eva Torrents, Mª Luisa Martinez, Lluís Blanch, Antonio Artigas, Speaker to be confirmed

Factors influencing mortality in ICU patients with suspected massive pulmonary embolism
Irfan Ucgun, Fatih Demircan, Nalan Demir, Hüseyin Yıldırım, Sinan Erginel, Hakan Akgün, Speaker to be confirmed

The ICU outcome of massive and submassive pulmonary embolism: A case series study
Begüm Ergan, Recai Ergün, Speaker to be confirmed

Extracorporeal membrane oxygenation (ECMO) for near fatal asthma refractory to conventional ventilation
Usman Maqsood, Ali Fawzi, Nehal Patel, Speaker to be confirmed
High flow nasal cannula in patients awaiting lung transplantation with acute respiratory failure exacerbations resulting from interstitial lung disease. Series of cases
Alejandro Midley, Silvina Dell’Era, Marcos Las Heras, Ilona Bykhovsky, Emiliano Gognait, Sergio Giannasi, Eduardo San Román, Speaker to be confirmed

08:30 - 10:30
Poster Discussion: Epidemiological aspects of obstructive sleep apnoea
Chairs:

Comparison of positional and REM-related obstructive sleep apnoea
Fatih Üzer, Asli Bostanci Toptas, Ümmühan Okur, Ebru Dogrul, Selen Bozkurt, Murat Turhan, Aykut Cilli, Speaker to be confirmed

Clinical differences in positional obstructive sleep apnea patients
Jorge Jorduera, Gonzalo Labarca, Jorge Dreyse, Constanza Salas, Speaker to be confirmed

The impact of gender on evaluation of polysomnographic data
Elif Tunur Parnaksiz, Banu Saleş, Ilen Aktin Güngör, Coskun Dogan, Sevda Cömert, Speaker to be confirmed

Gender differences in obstructive sleep apnea: Getting old or fat, what matters?
Tiago Soares Oliveira e Sá, Ricardo Luiz Menezes Duarte, Flavio José Magalhães da Silveira, Speaker to be confirmed

Gender differences in cardiorespiratory dynamics in the coexistence of OSA and COPD
Renata Trimer, Ramona Cabiddu, Renata Gonçalves Mendes, Fernando Souza Melo Costa, Antonio Delfino Oliveira Junior, Audrey Borghi-Silva, Speaker to be confirmed

Aging and its association with increased prevalence of obstructive sleep apnoea: A six-year experience in a Brazilian sleep center
Ricardo Luiz De Menezes Duarte, Tiago Soares De Oliveira E Sá, Flavio José Magalhães da Silveira, Speaker to be confirmed

Prevalence of acromegaly among patients referred for sleep apnea syndrome: ACROSAS study
Louis-Marie Galerneau, Jean-Louis Pépin, Anne-Laure Borel, Olivier Chabre, Marc Sapene, Bruno Stach, Janie Girey-Rannaud, Renaud Tamisier, Philippe Caron, Speaker to be confirmed

Obstructive sleep apnea in Ehlers-Danlos syndrome. A prospective case-control study
Thomas Gaisl, Cecilia Giunta, Kate Sutherland, Daniel Bratton, Christian Schlitzer, Noriane Sievi, Daniel Franzen, Peter Cistulli, Marianne Rohrbach, Malcolm Kohler, Speaker to be confirmed

Obstructive sleep apnea is a risk factor for osteoarthritis
Asiye Kanbay, Ozgur Kolturk, Aylin Pihtili, Erkan Ceylan, Selcan Tulu, Ercan Madenci, Handan Köseoğlu, Johan Verbraecken, Speaker to be confirmed

Obstructive sleep apnea and cancer- A nationwide epidemiological survey
Thorarinn Gislason, Elias Freyr Gudmundsson, Speaker to be confirmed

Sleep-disordered breathing and aggressiveness markers of cutaneous melanoma. A multicentric study
Miguel Angel Martínez García, Antonio Martorell, Eduardo Nagore, Jose Luis Rodriguez-Peralto, Manuel Sanchez de la torre, Luis Hernandez, Maria Josefa Diaz-Atauri, Eusebi Chiner, Josep Maria Montserrat, Ramón Farré, Francisco Campos-Rodriguez, Jorge Añad, Ferran Barbe, Olga Mediano, Valentin Cabrera, Jaime Corral, Irene Cano, Fernando Troncoso, Ana Fortuna, Mónica de la Peña, Maria Somoza, Monica Gonzalez, Monica LLombart, Felix del Campo, Cristina Navarro, Maria Jose Selma, Gabriel Anguera, Alberto Garcia, Speaker to be confirmed

Alzheimer’s disease related amyloid beta release from human neuroblastoma cells in response to intermittent hypoxia
Maria Jose Menal, Bryan Falcons, Gerard Piñol, Ramon Farre, Isaac Almendros, Speaker to be confirmed

Autonomic arousals, sleep respiratory disorders and autonomic nervous system activity in neuromuscular diseases
Grazia Crescimanno, Francesca Greco, Oreste Marrone, Speaker to be confirmed

A randomized controlled trial of auto-titrating continuous positive airway pressure treatment for obstructive sleep apnoea after acute quadriplegia (COSAQ)
David Berlowitz, The COSAQ Collaborative, Speaker to be confirmed
Obstructive sleep apnea syndrome in obese patients before bariatric surgery: A prospective observational study
Marion Dupuis, Sandrine Pontier, Pascal Debove, Elise Noel-Savina, Alain Didier, Speaker to be confirmed

Sleep disordered breathing in morbidly obese patients prior to bariatric surgery - A retrospective analysis
Christian Horvath, Juri Jossen, Anne-Kathrin Brill, Philipp Nett, Florent Baty, Sebastian Ott, Speaker to be confirmed

Prevalence and diagnosis of obesity hypoventilation syndrome (OHS) in ambulatory obese patients
Jean Christian Borel, Fabrice Guerber, Ingrid Jullian-Desayes, Marie Joyeux-Faure, Nathalie Arnol, Nellie Taleux, Renaud Tamisier, Jean Louis Pepin, Speaker to be confirmed

Noninvasive ventilatin efficacy for obesity hypoventilation syndrome without severe sleep apnea
Juan Fernando Masa Jimenez, M Angeles Sanchez-Quiroga, Jaime Corral, Candela ngeles Sá, nchez-Quiroga, Jaime Corral, Candela Caballero, Emilia Barrot, Joaquín n Terá, n Santos, Maria L. Alonso-A, Ivarez, Teresa Gomez-pez-Martinez, Pilar De Lucas, José M. Marin, Sergi Marti, Trinidad Dí az-Cambriles, Eusebi Chiner, Carlos Egea, Erika Miranda, Babak Mokhlesi, Speaker to be confirmed

08:30 - 10:30
Poster Discussion: Pharmacological management of COPD
Chairs:

Effect of indacaterol/glycopyrronium (IND/GLY) vs salmeterol/fluticasone (SFC) on moderate or severe COPD exacerbations and lung function based on baseline blood eosinophil counts: Results from the FLAME study
Kenneth R. Chapman, Claus F. Vogelmeier, Angel FowlerTaylor, Tim Ayers, Chau Thach, Anupama Shrinivasan, Robert Fogel, Francesco Patalano, Donald Banerji, Speaker to be confirmed

Effect of different inhalation methods on the airway clearance in moderate and severe AECOPD
Hongjing Lin, Xin Zhong, Zeyu Qin, Xueli Zhang, Jiahui Ma, Speaker to be confirmed

Tiotropium in chronic obstructive pulmonary disease: Gender differences in outcomes
Robert A. Wise, Antonio Anzueto, Achim Mueller, Norbert Metzdorf, Peter M.A. Calverley, Speaker to be confirmed

Long term treatment with n-acetylcysteine reduces exacerbations in moderate chronic obstructive pulmonary disease
Alberto Papi, Gerard Criner, Guy Brusselle, Peter Calverley, Jinping Zheng, Francesco Sergio, Paolo Morelli, Leonardo Fabbri, Nanshan Zhong, Speaker to be confirmed

The healthcare burden of non-compliance to pharmacotherapeutic escalation recommendations for COPD
Ruben Tavares, William Zhang, Tam Dang-Tan, Afisi Ismaila, Melissa Stutz, Natalie Coletta, Julie Vaillancourt, Daria Parsons, Xiwu Lin, Gilbert Nadeau, Alexander Simidchiev, John Sampalis, Speaker to be confirmed

Reduction in clinically important deterioration in COPD with aclidinium/formoterol
Dave Singh, Anthony D. O’Urzo, Ferran Chuecos, Anna Muñoz, Esther Garcia Gil, Speaker to be confirmed

Identification of factors associated with exacerbation risk in severe COPD: Multivariate analysis of the WISDOM study
Claus Vogelmeier, Leonardo M. Fabbri, Susan Bell, Kay Tetzlaff, Helgo Magnussen, Henrik Watz, Speaker to be confirmed

Effect of low dose theophylline as adjunct in treatment of COPD
Mrityunjaya Singh, Sudhir Kumar Agarwal, Manoj Meena, Shruti Singh, Speaker to be confirmed

Long-term outcome following first clinically important deterioration in COPD
Ian Naya, Lee Tombs, Hana Mullerova, Chris Compton, Paul Jones, Speaker to be confirmed

Mepolizumab in COPD with eosinophilic bronchitis: A randomized clinical trial
Angira Dasgupta, Melanie Kjarsgaard, Dante Capaldi, Katherine Radford, Fernando Aleman, Grace Parraga, Len Altman, Thomas Wight, Paul M. O’Byrne, Parameswaran Nair, Speaker to be confirmed

Inhaled treatment of COPD: A delphi consensus statement
Vincent Ninane, Jean-Louis Corhay, Paul Germonpré, Wim Janssens, Guy Joos, Giuseppe Liistro, Walter Vincken, An Lehouck, Speaker to be confirmed
Rate of FEV$_1$ decline by FEV$_1$ percent predicted in UPLIFT® and TIOSPIR®
Michael B. Drummond, Donald P. Tashkin, Antonio Anzueto, Christoph Hallmann, Achim Mueller, Norbert Metzdorf, Ulrika Hinkel, Robert A. Wise, Speaker to be confirmed

Tolerability of different dosing regimens of roflumilast in severe COPD (OPTIMIZE)
Henrik Watz, Nitin Bagul, Ken Nip, Rui Sun, Udo-Michael Goehring, Peter Calverley, Klaus Rabe, Speaker to be confirmed

Benefit of FDC budesonide (BUD) and formoterol fumarate (FF) FDC delivered by a novel MDI co-suspension technology (BFF MDI), in patients (pts) with moderate-to-severe COPD
Edward Kerwin, Thomas Siler, Samir Arora, Patrick Darken, Chad Orevillo, Earl St. Rose, Colin Reisner, Speaker to be confirmed

Beneficial effect of the LAMA/LABA glycopyrronium (GP)/formoterol (FF) fixed-dose combination, delivered using a novel MDI co-suspension technology (GFF MDI), in COPD GOLD group A and B patients
Leonardo Michele Fabbri, Fernando Martinez, Klaus F. Rabe, Roberto Rodriguez-Roisin, Gary T. Ferguson, Paul Jones, Stephen Rennard, Shahid Siddiqui, Chad Orevillo, Patrick Darken, Colin Reisner, Speaker to be confirmed

Cardiovascular (CV) safety of indacaterol/glycopyrronium (IND/GLY) compared with salmeterol/fluticasone combination (SFC) in moderate-to-very severe COPD patients with prior exacerbations: The FLAME study
Petter Olsson, Nicolas Roche, Jorgen Vestbo, Angel Fowler Taylor, Tim Ayers, Chau Thach, Karyn Clerkin, Robert Fogel, Francesco Patalano, Donald Banerji, Speaker to be confirmed

Treatment effect of umeclidinium/vilanterol and tiotropium on SGRQ sub-domains
John Riley, Lee Tombs, Mitra Vahdati-Bolouri, Margaret Tabberer, Paul Jones, Speaker to be confirmed

Drug particle size and lung deposition in COPD
Martyn Biddiscombe, Sally Meah, Peter Barnes, Omar Usmani, Speaker to be confirmed

**08:30 - 10:30**

**Poster Discussion: Human exposure response including physiological and biomarker outcomes**

**Chairs:**

- **Metabolic biomarker validation and clinomics of World Trade Center-Lung injury**
  Sophia Kwon, Syed H. Haider, Erin J. Caraher, Theresa Schwartz, David J. Prezant, Anna Nolan, Speaker to be confirmed

- **Inhaled diesel exhaust alters allergen-induced bronchial secretome in humans**
  Neeloffer Mookherjee, Peyman Ezzati, Victor Spencer, Christopher Rider, Jeremy Hirota, Chris Carlsten, Speaker to be confirmed

- **Airway inflammatory response following exposure to 100% RME biodiesel in healthy subjects**
  Jon Unosson, Greg Rankin, Jamshid Pourazar, Annelie Behndig, Ala Mual, Maria Sehlsted, Jeremy Langrish, Anders Blomberg, Thomas Sandström, Jenny Bosson, Speaker to be confirmed

- **Lipid composition of particles in exhaled air (PEx) from workers exposed to welding fumes**
  Göran Ljungkvist, Emilia Viklund, Fabian Taube, Jeong-Lim Kim, Niklas Forsgard, Anna-Carin Olin, Speaker to be confirmed

- **Elevated markers of lipid oxidative damage among workers exposed to engineered TiO$_2$ nanoparticles**
  Daniela Pelclová, Vladimir Zdimal, Petr Kacer, Tomas Navratil, Zdenka Fenclova, Stepanka Vickova, Martin Komar, Sergey Zakharyov, Speaker to be confirmed

- **Lung asbestos content in patients with lung cancer in different Spanish regions. The AMCANES study**
  Mª Jesus Cruz Carmona, Daniel Alvarez-Simó, Roser Costa, Annie Navarro, Ane Uranga, Isabel Urrutia, María a-Encarnación, Belén Barros, Belén Martín, Martínez, Jaume Ferrer, Speaker to be confirmed

- **A polypeptide of the megakaryocyte potentiating factor is a potential biomarker in plasma for the detection of mesothelioma**
  Hans Peter Rihs, Irina Raiko, Jan Gleichenhagen, Ingrid Sander, Jens Kollmeier, Thomas Brüning, Georg Johnen, Speaker to be confirmed

- **Risk of rheumatoid arthritis in a cohort of silica-exposed Swedish foundry workers**
  Paul Blanc, Lena Andersson, Ing-Liss Bryngelsson, Speaker to be confirmed
Farmers beware of the storage mites
Grethe Elholm, Vivi Schlüssen, Gert Doekes, Øyvind Omland, Pernille Milvang Grønager, Torben Sigsgaard, Speaker to be confirmed

Occupational endotoxin exposure dose-dependently protects against atopy and hay fever: Results of a longitudinal study
Annejet Spiereburg, Lidwien Smit, Patricia Robbe, Esmeralda Krop, Dick Heederik, Machteld Hylkema, Inge Wouters, Speaker to be confirmed

Sensitisation to mouse allergens in contemporary laboratory animal workers: The SPIRAL study
Johanna Feary, Bernadette Fitzgerald, Susie Schofield, Meinir Jones, Paul Cullinan, Speaker to be confirmed

Airway inflammatory profile among cleaning workers from different workplaces
Soraia Nogueira Felix, Monise Demattê Avona, Bruna Gabryela Busoletto dos Santos, Edinéia Rosa da Paz, Francine Maria de Almeida, Isabella Santos de Genaro, Cynthia Mafra Fonseca de Lima, Clôvis Eduardo Santos Galvão, Maria Lúcia Bueno Garcia, Milton de Arruda Martins, Beatriz Mangueira Saraiva Romanholo, Speaker to be confirmed

Different changes in plasma concentrations of cytokines and chemokines in patients with COPD associated with smoking and occupational exposures
Anatoli Tahanovich, Aliaksei Kadushkin, Speaker to be confirmed

Exposure to birch pollen and ozone and the fraction of exhaled nitrogen oxide (FENO)
Susanna Lohman, Hanne Krage Carlsen, Anna-Carin Olin, Speaker to be confirmed

Occupational chronic obstructive pulmonary disease attributed to chemicals exposure: Clinical characteristics and inflammatory serum profile
Shpagina Lyubov, Olga Kotova, Ilya Shpagin, Oksana Gerasimenko, Speaker to be confirmed

The Minasarc study: A case-control study measuring mineral exposome in sarcoidosis

Air pollution exposure is associated with restrictive rather than obstructive ventilatory patterns
Kim de Jong, Judith Vonk, Wilma Zijlma, Ronald Stolk, Diana van der Plaat, Cleo van Diemen, Gerard Hoek, Bert Brunekeef, Dirkje Postma, Marike Boezen, Speaker to be confirmed

Influence of fine particulate matter from household emissions on selected respiratory and cardiovascular diseases - Initial results
Artur Badyda, Andrzej Chcialowski, Piotr Dabrowiecki, Adam Stanczyk, Anna Gayer, Dominika Mucha, Lukasz Adamkiewicz, Speaker to be confirmed

08:30 - 10:30
Poster Discussion: Advancing lung function testing in childhood respiratory and sleep disease

N<sub>2</sub>-MBW in comparison to spirometry in children after lung transplantation
Sylvia Nyilas, Christian Doppler, Mareke Price, Julia Carlens, Carsten Müller, Gesine Hansen, Philipp Latzín, Nicolaus Schwerk, Speaker to be confirmed

Peripheral airway function over time in children post bone marrow transplantation
Rathnini Jayasuriya, Greg King, Hiran Selvadurai, Melissa Gabriel, Per Gustafsson, Kate Hardaker, Brendan Kennedy, Steven Keogh, Ida Twist, Peter Shaw, Paul Robinson, Speaker to be confirmed

Long term pulmonary outcome after mild to severe bronchopulmonary dysplasia
Petra Um-Bergström, Jenny Hallberg, Per Thunqvist, Eva Berggren-Brostrom, Martin Anderson, Gunilla Adenfelt, Gunnar Lilja, Giovanni Ferrara, Magnus Skold, Erik Melén, Speaker to be confirmed

Dysphonia contributes to respiratory symptoms in very preterm children
Shannon Simpson, Zoe Champion, Graham Hall, Noel French, Victoria Reynolds, Speaker to be confirmed

Scond may better discriminate severe therapy resistant asthma (STRA) from mild-moderate asthma than lung clearance index (LCI)
Samantha Irving, Louise Fleming, Sejal Saglani, Andrew Bush, Speaker to be confirmed

Single-breath washout and association with structural lung changes in children with cystic fibrosis
Sophie Yammine, Kathryn A. Ramsey, Billy Skoric, Philipp Latzin, Graham L. Hall, Louise King, Sarah Ranganathan, AREST CF, Speaker to be confirmed
Effect of tissue nitrogen excretion on multiple breath washout measurements
Mica Kane, Sanja Stanovevic, Renee Jensen, Felix Ratjen, Speaker to be confirmed

New reference values for N<sub>2</sub> multiple breath washout outcomes in pre-school and school-aged children
Pinelopi Anagnostopoulou, Renee Jensen, Nadja Kranz, Sophie Yammine, Philipp Latzin, Felix Ratjen, Speaker to be confirmed

Leptin levels can reflect exercise capacity in overweight children
Kiriaki Tsiroukidou, Maria Papagianni, Elpida Hatziagorou, Asterios Kampouras, Kalliopi Kontouli, Konstantina Kosta, John Tsanakas, Speaker to be confirmed

Metabolic biomarkers in obese community-dwelling children: NANOS study
Maria Luz Alonso Alvarez, Joaquin Terá n-Santos, Jose Cordero-Guevara, Mónica Gonzalez-Martinez, María Jose Jurado-Luque, Jaime Corral-Peña aifel, Joaquin Duran-Cantolla, Juan Fernando Masa-Jimenez, Leila Kheirandish-Gozal, David Gozal, Speaker to be confirmed

Sniff nasal inspiratory pressure and peak cough flow in children with ataxia telangiectasia
Joyce Tan, Andrew Prayle, Sarah Spencer, Nicola McNarry, Bush Andrew, Jayesh M. Bhatt, Speaker to be confirmed

Lung growth in children and young adults with primary ciliary dyskinesia (PCD): An iPCD cohort study
Florian Halbeisen, Myrofora Goutaki, Elisabeth Maurer, Carmen Casaulta, Suzanne Crowley, Eric Haarman, Jane Lucas, Lucy Morgan, Kim Nielsen, Francesca Santamaria, Nico Schwerk, Guillaume Thouvenin, Panayiotis Yiallouros, Zorica Zivkovic, Alban Ramette, Philipp Latzin, Claudia Kuehni, Speaker to be confirmed

Sleep disordered breathing in children with primary ciliary dyskinesia (PCD)
Eleonora Dehlink, Chris Grime, Prasad Nagakumar, Vivien Mak, Andy Bush, Mark Rosenthal, Claire Hogg, Siobhán B. Carr, Hui-Leng Tan, Speaker to be confirmed

Screening for sleep disordered breathing (SDB) with paediatric sleep questionnaire (PSQ) in children with underlying conditions
Rishi Pabary, Doxa Kotzia, Christophe Goubau, Kylie Russo, Martin Samuels, Speaker to be confirmed

Prediction of treatment outcome in pediatric OSA: Physical examination versus functional respiratory imaging
Monique Slaats, Cedric Van Holsbeke, Wim Vos, Dieter Loterman, Jan De Backer, An Boudewyns, Wilfried De Backer, Stijn Verhulst, Speaker to be confirmed

Prevalence and complications of OSA: A study among school children of India
Abhishek Goyal, Girish Bhatt, Abhijit Pakhare, Speaker to be confirmed

Adenotonsillectomy for obstructive sleep-disordered breathing in childhood: The Chania community oximetry-based study
Theognosisia S. Chimona, Konstantinos Chaidas, Panagiota Asimakopoulou, Alexandros Ladas, Efklidis K. Proimos, Chariton E. Papadakis, Athanasios G. Kaditis, Speaker to be confirmed

08:30 - 10:30
Poster Discussion: Paediatric asthma: lessons learned from large numbers or multi-center drug studies
Chairs :

Intravenous theophylline levels in children with acute asthma: A systematic review
Lewis Cooney, Daniel Hawcutt, Ian Sinha, Speaker to be confirmed

Safety of tiotropium in pre-school children with symptomatic persistent asthma
Hans Bisgaard, Mark Vandewalker, LeRoy Graham, Petra Moroni-Zentgraf, Michael Engel, Georges El Azzi, Sebastian D. Vulcu, Helen Finngan, Elianne J.L.E. Vrijlandt, Speaker to be confirmed

Pharmacokinetics of tiotropium in asthma patients from three paediatric clinical trials
Ashish Sharma, Marion Schmid, Barbara Rapp, Petra Moroni-Zentgraf, Michael Engel, Speaker to be confirmed
Montelukast for toddler asthma? A meta-analysis of montelukast in preschool wheeze
Hasan Hussein, Atul Gupta, Simon Broughton, Gary Ruiz, Nicola Brathwaite, Cara Bossley, Speaker to be confirmed

Childhood obesity in relation to poor asthma control and exacerbations
Fariba Ahmdiziar, Susanne Vijverberg, Hubertus Arets, Anthonius de Boer, Jason Lang, Meyer Kattan, Colin Palmer, Somnath Mukhopadhyay, Steve Turner, Anke Hilse Maitland-Van der Zee, Speaker to be confirmed

Diet quality and overweight in children and adolescents
Carla E. Tarazona-Meza, Karina M. Romero - Rivero, Suzanne L. Pollard, Rocio Galvez - Davila, Carlos E. Rojas, Corrine Hanson, William Checkley, Nadia N. Hansel, Speaker to be confirmed

Bronchial reactivity and asthma over adolescence
Abid Raza, Vereesh Patil, Graham Roberts, Wilfried Karmaus, Hongmei Zhang, Ramesh Kurukulaaratchy, Hasan Arshad, Speaker to be confirmed

Phenotypes of airway diseases in preschool children
Rita Amaral, Ana Pereira, Mário Morais-Almeida, João Fonseca, Speaker to be confirmed

Early predictors of quiescent asthma in late childhood
Mohammad Al Sallakh, Sarah Rodgers, Aziz Sheikh, Ronan Lyons, Gwyneth Davies, Speaker to be confirmed

Phenotypes of asthma in mothers have an influence on asthma phenotypes in children
Liudmila Zhelenina, Maryia Vakharlovskaya, Anna Galustyan, Olga Lavrova, Tatiyana Ivaschenko, Maryia Kuropatenko, Speaker to be confirmed

Early life risk factors for asthma outcomes in a cohort of young adults
Elisha White, Nicholas DeKlerk, Elysia Hollams, Graham Hall, Speaker to be confirmed

Asthma after bronchiolitis: Five years of follow-up
Antonella Frassanito, Raffaella Nenna, Giulia Cangiano, Carolina Scagnolari, Laura Petrarca, Isabella Calicchia, Teresa Arcuri, Rosa Tuccinardi, Stefania Sirianni, Fabrizio Scalercio, Fabio Midulla, Speaker to be confirmed

Prevalence and relationship of hypomagnesiemia with children bronchial asthma control
Olga Magnitskaya, Ivan Shishimorov, Vladimir Petrov, Aleksey Perminov, Igor Nefedov, Speaker to be confirmed

Asthma phenotypes in low income children: A cluster analysis
Andrey Sousa, Anna Cabral, Milton Martins, Felipe Mendes, Celso Carvalho, Speaker to be confirmed

Density of truck traffic on residential streets and the impact on asthma and asthma-like symptoms in childhood
Tara Ristevska, Emilija Vlashki, Valentina Cvejoska Colakovska, Miilia Kimovska, Vesna Micevska, Joshua Lawson, Speaker to be confirmed

Childhood phenotypic origins and characterisation of wheezing at 18-years
Claire Hodgetkiss, S. Hasan Arshad, Graham Roberts, Maria Larsson, Ramesh Kurukulaaratchy, Speaker to be confirmed

FeNO-guided management of asthma during pregnancy reduces respiratory symptoms and asthma diagnosis in childhood
Matthew Morten, Adam Collison, Joseph Meredith, Vanessa Murphy, Paul Robinson, Peter Gibson, Joerg Mattes, Speaker to be confirmed

Is there an association between asthma in childhood and academic performance? - A sibling design study
Cecilia Lundholm, Henrik Larsson, Brian D’Onofrio, Catarina Almqvist, Speaker to be confirmed

08:30 - 10:30
Oral Presentation: Best abstracts in asthma
Chairs:
The experiences of a rapid access respiratory clinic in Northern Ireland
Diarmaid McNicholl, Royanne Dickson, Elaine Mulligan, Claire Creaney, Liam Polley, David Rodgers, Speaker to be confirmed
Duplicumab improves patient-reported outcomes in chronic sinusitis with nasal polyps patients with comorbid asthma: Results from a phase 2a trial
Claus Bachert, Peter Hellings, Joaquim Mullol, Daniel Hamilos, Robert Naclerio, Vijay N. Joish, Leda Mannent, Robert E. Evans, Annette Grabher, Adeline Abbe, Caroline Amand, Christine Taniou, Donghui Zhang, Chunpeng Fan, Gianluca Pirozzi, Neil Graham, Vera Mastey, Puneet Mahajan, Heribert Staudinger, Laurent Eckert, Asif Khan, Speaker to be confirmed

09:00 Chronic cough in primary Sjogren's syndrome
Gonca Dogru, Ayse Barkali, Speaker to be confirmed

09:15 Asthma-COPD overlap syndrome (ACOS) versus ‘pure’ COPD: A distinct phenotype?
Denis Caillaud, Pascal Chanze, Roger Escamilla, Pierre-Régis Burgel, Isabelle Court-Fortune, Pascale Nesme-Meyer, Gaetan Deslee, Thierry Perez, Jean-Louis Paillas, Chr  

09:30 Incidence and severity of acute exacerbations among women enrolled in an asthma management program during pregnancy: A prospective study of 1,283 pregnancies
Zarqa Ali, Charlotte Suppli Ulrik, Speaker to be confirmed

09:45 Accelerated decline in FEV1 in non-smoking subjects with chronic HCV infection
Sara Ramponi, Laura Balzarini, Chiara Mancini, Maurizio Marvisi, Speaker to be confirmed

10:00 Asthma and COPD in patients with coronary artery disease - The unmet demands
Marta Kolacinska-Flont, Jaroslav Drozd, Marzena Zielinska, Izabela Cuprys-Lipinska, Piotr Kuna, Speaker to be confirmed

Oral Presentation: Best abstracts in pulmonary rehabilitation and chronic care (sponsored by INVACARE)

Aims: 5 first presented abstracts are in competition and the outcome results will be presented at the end of the session.

Chairs:

08:30 Skeletal muscle function and structure in patients with non-cystic fibrosis bronchiectasis
Ana Balañánez-Llorens, Diego Agustin Rodríguez, Mireia Admetlló, Anna Salazar, Pilar Ausin, Esther Barreiro, Joaquin Gea, Speaker to be confirmed

08:45 Physiological effects of nutritional supplementation as adjunct to exercise training in COPD patients with low muscle mass. The double blind, placebo controlled multi-centre NUTRAIN-trial
Coby Van de Bool, Erica Ruten, Ardy van Helvoort, Frits Franssen, Emiel Wouters, Annemie Schols, Speaker to be confirmed

09:00 Exercise training improves peak oxygen consumption and hemodynamics in patients with pulmonary hypertension - A prospective, randomised, controlled trial

09:15 Home telerehabilitation maintenance program for patients affected by COPD and CHF
Mara Paneroni, Simonetta Scalvini, Palmira Bernocchi, Tiziana Galli, Dorian Baratti, Maria Teresa La Rovere, Maurizio Volterrani, Michele Vitacca, Speaker to be confirmed

09:30 Minimal versus specialist equipment for the delivery of pulmonary rehabilitation in COPD
Melanie Palmer, Sarah Jones, Claire Nolan, Jane Canavan, Alex Labey, Matthew Maddocks, Samantha Kon, William Man, Speaker to be confirmed

09:45 Early diaphragm pacing to delay non-invasive ventilation in patients with amyotrophic lateral sclerosis (RespiStimALS): A multicenter, triple-blind, randomized controlled trial
Jesus Gonzalez Bermejo, Capucine Morelot-Panzini, Tanguy Marie Laure, Vincent Meiningier, Philippe Couratier, Nathalie Guy, Claude Desnuelle, Hélène Prigent, Christophe Perrin, Valérie Attali, Nierat Marie-Cecile, Francois Salachas, Thomas Similowski, Speaker to be confirmed

10:00 Sarcopenia and associated factors in older adults with COPD: Results from the SABE-Bogota cohort study
Carlos Andrés Celis Preciado, Miguel Borda, Mario Pérez-Cepeda, Carlos Cano, Speaker to be confirmed
### Oral Presentation: The clinic of pulmonary hypertension

**Chairs:**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
<th>Speaker to be confirmed</th>
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<tbody>
<tr>
<td>08:30</td>
<td><strong>Diffusion capacity as predictor for survival in patients with pulmonary hypertension due to heart failure with preserved ejection fraction</strong></td>
<td>Karen Olsson, Katrin Meyer, Jessica Rademacher, Jan Fuge, Tobias Welte, Marius Hoepner</td>
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<tr>
<td>08:45</td>
<td><strong>Illicit drug use and pulmonary arterial hypertension: Not so frequent</strong></td>
<td>Anne Roche, Marie Camille Chaumais, Swanny Perrin, Xavier Jaï, Laurent Savale, Philippe Camus, Nicolas Favrolt, Julie Traclat, Vincent Cottin, Olivier Sitbon, Gerald Simmoneau, Marc Humbert, Philippe Bonniaud, David Montani</td>
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<tr>
<td>09:00</td>
<td><strong>Changes in red blood cell membrane structure in pulmonary arterial hypertension</strong></td>
<td>Alice Huertas, Ly Tu, Raphael Thuillet, Carole Phan, Jennifer Bordenave, Morane Le Hiress, Roland Jovan, Florence Parent, Gérald Simonneau, David Montani, Marc Humbert, Christophe Guignabert</td>
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<tr>
<td>09:15</td>
<td><strong>Pulmonary hypertension complicating fibrosing mediastinitis</strong></td>
<td>Andrei Seferian, Alexandru Steriade, Xavier Jaï, Laurent Savale, Florence Parent, David Amar, Roland Jovan, Elie Fadel, Olivier Sitbon, Gérald Simonneau, David Montani</td>
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<tr>
<td>09:30</td>
<td><strong>Dasatinib induces lung vascular toxicity and predisposes to pulmonary hypertension</strong></td>
<td>Carole Phan, Andrei Seferian, Alice Huertas, Ly Tu, Raphael Thuillet, Caroline Sattler, Morane Le Hiress, Yuichi Tamura, Etienne-Marie Jutant, Marie-Camille Chaumais, Stéphane Bouchet, Benjamin Manéglier, Mathieu Molinard, Philippe Rousselot, Olivier Sitbon, Gérald Simonneau, David Montani</td>
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<td>09:45</td>
<td><strong>RESPITE: Riociguat in pulmonary arterial hypertension patients with an inadequate response to phosphodiesterase type 5 inhibitors</strong></td>
<td>Marius M. Hoeper, Paul A. Corris, James R. Klinger, David Langleben, Robert Naeije, Gérald Simonneau, Raymond L. Benza</td>
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<tr>
<td>10:00</td>
<td><strong>Hyperoxia enhances exercise performance in PAH and CTEPH: Randomized trial</strong></td>
<td>Silvia Ulrich, Elisabeth Hasler, Stéphanie Saxer, Michael Furian, Séverine Müller-Mottet, Stephan Keusch, Konrad Bloch</td>
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### Oral Presentation: The origins of infant pulmonary disease: early pointers to identifying infants at risk and means to improving their care

**Chairs:**

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<th>Time</th>
<th>Title</th>
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<th>Speaker to be confirmed</th>
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<tbody>
<tr>
<td>08:30</td>
<td><strong>A randomized trial of oropharyngeal airways to assist stabilization of preterm infants in the delivery room (DR)</strong></td>
<td>C. Omar Kamlin, Georg Schmoelzer, Jennifer Dawson, Lorraine McGrory, Joyce O’Shea, Peter Davis</td>
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<td>08:45</td>
<td><strong>Exhaled breath condensate: Measuring inflammation and oxidative stress in preterm infants</strong></td>
<td>Rhea Urs, Shannon Simpson, Jane Pillow, Graham Hall, Michael Clarke</td>
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<tr>
<td>09:00</td>
<td><strong>Plasma pro-endothelin-1 and pro-atrial natriuretic peptide are associated with bronchopulmonary dysplasia in very preterm infants</strong></td>
<td>Roland Neumann, Roland Gerull, Mathias Nelle, Sven Schulzke, Sven Wellmann</td>
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<td>09:15</td>
<td><strong>The role of monocye derived growth factors in BPD development</strong></td>
<td>Esther van Mastrigt, Irwin Reiss, Johan de Jongste, Caroline Cheng, Chris van Dijk, Janneke Samson, Heleen Kool, Robbert Rottier, Rudi Hendriks, Marielle Pijnenburg, Ismé de Kleer</td>
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<td>09:30</td>
<td><strong>Impact of mouth leak on oropharyngeal gas conditioning during neonatal CPAP: A bench study</strong></td>
<td>Hendrik Fischer, Tim Ullrich, Christoph Büttner, Christoph Czernik, Gerd Schmalisch</td>
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<tr>
<td>09:45</td>
<td><strong>Postnatal corticosteroids and lung function at school age in very prematurely born infants</strong></td>
<td>Christopher Harris, Sanja Zivanovic, Mireia Alcazar-Paris, Jessica Lo, Alan Lunt, Neil Marlow, Sandra Calvert, Janet Peacock, Anne Greenough</td>
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</tbody>
</table>
MECHANICAL VENTILATION IN CHILDREN WITH LIFE-LIMITING CONDITIONS
Mirella Gaboli, Isabel Delgado Pecelli, Marcos Madruga Garrido, Eduardo Quiroga Cantero, Carmen Cabrera Carro, Luis Manuel Reyes Rodriguez, Juan Pedro González, Speaker to be confirmed

08:30 - 10:30
Oral Presentation: The best has yet to come in lung function
Chairs:

08:30
Predicting mortality in idiopathic pulmonary fibrosis. Which parameters should be used to determine eligibility for treatment? Analysis of a UK prospective cohort
Amy Taylor Gonzalez, Toby Maher, Speaker to be confirmed

08:45
Comparison of the intrabreath with the single breath technique for the measurement of the carbon monoxide transfer in health subjects
Mieke Crutsen, Sander Pagen, Ivo Geijtselaers, Ludo van Etten, Selma de Nijs, Speaker to be confirmed

09:00
Global lung function initiative: Reference equations for the transfer factor for carbon monoxide (TLCO)
Sanja Stanojevic, Brian Grham, Brendan Cooper, Bruce Thompson, Kim Carter, Graham Hall, Speaker to be confirmed

09:15
Longitudinal monitoring of disease progression in children with mild CF using hyperpolarised gas MRI and LCI
Laurie Smith, Ina Aldag, Paul Hughes, Felix Horn, Helen Marshall, Graham Norquay, Guilhem Collier, David Hughes, Chris Taylor, Alex Horsley, Jim Wild, Speaker to be confirmed

09:30
Simultaneous SF$\textsubscript{6}$ and N$\textsubscript{2}$ gas multiple breath washout (MBW); understanding the difference between test gases
Katie Bayfield, Eric Alton, Samatha Irving, Andrew Bush, Alexander Horsley, Jane Davies, Speaker to be confirmed

09:45
Spirometry biological controls: The scientist who cried wolf
Maureen P. Swanney, Josh D. Stanton, Speaker to be confirmed

10:00
Is there a direct effect of physical activity on lung function gain in adolescents? The 1993 Pelotas (Brazil) birth cohort
Fernando C. Wehrmeister, Bruna C.G. Silva, Rogelio Perez-Padilla, Helen Gonçalves, Bernardo L. Horta, Pedro C. Hallal, Fernando C. Barros, Ana M.B. Menezes, Speaker to be confirmed

08:30 - 10:30
Oral Presentation: Respiratory nursing research: opening new perspectives on the patient experience
Chairs:

08:30
A randomised controlled trial of cognitive behavioural therapy (CBT) delivered by respiratory nurses to reduce anxiety in chronic obstructive pulmonary disease (COPD). (Trial registration - ISRCTN55206395)
Karen Heslop, Chris Stenton, Julia Newton, Debbie Carrick-Sen, Christine Baker, Burns Graham, Anthony De Soyza, Speaker to be confirmed

08:45
Effectiveness of a new nursing intervention for primary care COPD patients
Saskia Weldam, Marieke Schuurmans, Pieter Zanen, Alfred Sachs, Monique Heijmans, Jan-Willem Lammers, Speaker to be confirmed

09:00
The lived experience of idiopathic pulmonary fibrosis: A qualitative study
Dorthe Overgaard, Gudrun Kaldan, Kristoffer Marsaa, Thyge Lynghøj J Nielsen, Saher Burkan Shaker, Ingrid Egerod, Speaker to be confirmed

09:15
Girls with asthma have worse health related quality of life than boys - A population based study
Caroline Stridsman, Helena Backman, Britt-Marie Eklund, Eva Rönnmark, Linnea Hedman, Speaker to be confirmed

09:30
Preferences for death and dying in patients with COPD
Carmen Houben, Martijn Spruit, Emiel Wouters, Herman-Jan Pennings, Jacques Creemers, Geertjan Wesseling, Vivian Kampen-van den Boogaart, Daisy Janssen, Speaker to be confirmed

09:45
Nursing challenges in relieving dyspnoea experienced by patients with COPD during hospitalization
Maria Omel Jellington, Erik Elgaard Sørensen, Dorthe Overgaard, Speaker to be confirmed
Differences in proxy-reported and patient-reported outcomes: Assessing problematic activities of daily life in patients with COPD

08:30 - 10:30
Oral Presentation: Clinical update on bronchiectasis
Chairs:

08:30
Management of bronchiectasis in Europe: Data from the European bronchiectasis registry (EMBARC)
Charles S. Haworth, Chris Johnson, Stefano Aliberti, Pieter C. Goeminne, Felix Ringhausen, Wim Boersma, Anthony De Soyz, Marlene Murris, Eva Polverino, Montserrat Vendrell, James D. Chalmers, Speaker to be confirmed

08:45
Multidimensional severity assessment in bronchiectasis - An analysis of 7 European cohorts
Melissa McDonnell, Aliberti Stefano, Pieter Goeminne, Katerina Dimakou, Stefano Zuchetti, John Davison, Chris Ward, John Laffey, Simon Finch, Alberto Pesci, Lieven Supont, Thomas Fardon, Dusan Skrbic, Dusanka Obradovic, Robert Rutherford, Anthony De Soyz, James Chalmers, Speaker to be confirmed

09:00
International validation of FACED score in 672 patients with non-cystic fibrosis bronchiectasis
Miguel Á ngel Martí nez García, a, R.A. Athanaziano, G. Gramblicka, M. Corso, F.L. Cavalcanti-Lundgren, M.R. Fernandes de Figueredo, F. Arancibia, Speaker to be confirmed

09:15
Long term prognosis of non-cystic fibrosis bronchiectasis
Amparo Sanz Cabrera, Facinto Hernandez Borge, Maria del Carmen Garcia Garcia, Maria Jose Antona Rodriguez, Isabel Asschert Aguero, Pedro Pires Goncalvez, Estefaní a Molina Ortiz, Ana Castañ ar Jover, Francisca Lourdes Marquez Perez, Speaker to be confirmed

09:30
BRICS- a simple radiological scoring in bronchiectasis
Pallavi Bedi, James Chalmers, Pira Sarvanamuthu, Adriano Rossi, Adam Hill, Speaker to be confirmed

09:45
Changes of computed tomography features of bronchiectasis during one year of azithromycin treatment
Josje Altenburg, Rienhart Wöl, Shirley Go, Philip van Rijn, Wim Boersma, Tjip van der Werf, Speaker to be confirmed

10:00
Pneumonic vs. non-pneumonic exacerbations in bronchiectasis
Edmundo Rosales Mayor, Rosario Menendez, Victoria Alcaraz-Serrano, Emilio Ansotegui Barrera, Beatriz Montuli Veiga, Rosa Maria Girón, Carolina Cisneros, Montserrat Vendrell, Gerard Muñ oz, Marí a Angeles Marcos, Antoni Torres, Eva Polverino, Speaker to be confirmed

10:45 - 12:45
Symposium: New insights into the genetics of asthma
Aims: Many genome wide studies (GWS) have shown that various genetic polymorphisms influence asthma development. In particular, the risk of asthma seems to be modified by mutations that shape the acquisition of (or susceptibility to) respiratory infections; these mutations also interact with early life environmental factors and other unknown risk factors to modulate asthma risk. The first aim of this session is to give an overview of the basic techniques and results of the GWS on asthma. The second aim is to describe the implications of these results for clinicians, and how and whether this information can be translated into clinical practice. The third aim is to discuss the possible implications of pharmacogenetics in asthma research for future asthma therapy.

Track(s): Epidemiology / Environment
Tag(s): Translational
Chairs: Angela Zacharasiewicz (Vienna, Austria), Torben Sigsgaard (Aarhus, Denmark)

10:45
The genetics of asthma
Miriam Moffatt (London, United Kingdom)

11:15
The early life origins of asthma
Speaker to be confirmed

11:45
The exposome and the evolution of asthma accross the life course
Speaker to be confirmed

12:15
Pharmacogenetics in asthma
Eugene R. Bleecker (Winston-Salem, United States of America)
10:45 - 12:45

Symposium: Telemonitoring of ventilator-dependent patients
Looking into the future

Aims: Home-mechanical ventilation requires patient and family cooperation. However, the clinical conditions, the need for technology, the lack of professional supervision, and acute exacerbations of the underlying disease can make management of home-mechanical ventilation a difficult task. Telemonitoring may help to improve the care of home-mechanically-ventilated patients. This symposium will describe the potential usefulness of telemonitoring in various settings.

Track(s): Intensive care
Tag(s): Clinical
Chairs: Michael Dreher (Aachen, Germany), Nicholas S. Hill (Providence, United States of America)

10:45
Telemonitoring in patients with amyotropic lateralsclerosis and home-mechanical ventilation
Susana Pinto (Lisbon, Portugal)

11:15
Tele-rehabilitation for home-mechanically ventilated patients
João Carlos Winck (Vila Nova de Gaia, Portugal)

11:45
Telemonitoring to prevent exacerbations in patients with COPD and home-mechanical ventilation: a useful tool?
Jean Christian Borel (Meylan, France)

12:15
ERS consensus report on telemonitoring of ventilator-dependent patients
Nicolino Ambrosino (Volterra, Italy)

10:45 - 12:45

Symposium: New statement on pulmonary rehabilitation

Aims: The main aim of this session is to describe the key developments in pulmonary rehabilitation since the 2013 ATS/ERS Statement on Pulmonary Rehabilitation.

Track(s): Clinical
Chairs: Daniel Langer (Leuven, Belgium), Enrico Maria Clini (Pavullo, Italy)

10:45
Pulmonary rehabilitation: a summary of the 2016 ATS/ERS Policy Statement
Carolyn Rochester (New Haven, United States of America)

11:15
How to assess the efficacy of pulmonary rehabilitation?
Martijn A. Spruit (Horn, Netherlands)

11:45
Pulmonary rehabilitation in non-COPD: it is time to start referring!
Chris Burtin (Diepenbeek, Belgium)

12:15
Pulmonary rehabilitation: home alone?
Takanobu Shioya (Akita, Japan)

10:45 - 12:45

Symposium: ERS and tuberculosis
2016 highlights (followed by WHO/ERS Document ceremony)

Aims: This symposium will highlight some of the core achievement in Tuberculosis prevention and control. The focus will be on tuberculosis projects which involved ERS. Specific objectives are to inform the audience about the new ATS guidelines (which had been developed in collaboration with ERS) and the requisite that new treatment regimens for TB need to have (Target Product Profiles-TPPs- as developed by WHO). During the session the new WHO document on new anti-TB regimens TPPs will be officially launched. Furthermore, the results of the WHO LTBI implementation plan and of the WHO/ERS digital health projects will be presented.

Track(s): Infection
Target audience: Allied health professional, Clinician, Epidemiologist, General practitioner, Fellow, Junior member, Microbiologist, Nurse, Paediatrician, Patient, Public health official, Pulmonologist, Trainee, TB specialist, Scientist, Respiratory physician, Researcher
Chairs: Giovanni Battista Migliori (Varese, Italy), Mario C. Raviglione (Geneva, Switzerland)

10:45
The new ATS and ERS TB treatment guidelines
Payam Nahid (San Francisco, United States of America)

11:10
The new WHO TPPs (Target Product Profiles) for new TB treatment regimens
Christian Lienhardt (Marseille, France)
### Grand round: Paediatric Ground Round

**Aims:** The aim of this Ground Round is to present paediatric cases with respiratory problems and typical and difficult clinical questions. The audience will be engaged in discussions about best clinical care and will receive an update in paediatric respiratory medicine.

**Track(s):** Paediatric

**Tag(s):** Clinical

**Chairs:** Ernst Eber (Graz, Austria), Gunilla Hedlin (Stockholm, Sweden)

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<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>10:45</td>
<td>An infant with recurrent episodes of wheezing and failure to thrive</td>
<td>Nicola Ullmann (Genes, Italy)</td>
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<tr>
<td>11:15</td>
<td>Metabolic alkalosis with extreme respiratory compensation in an infant</td>
<td>Anna-Louise Nichols (Tunbridge Wells, United Kingdom)</td>
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<tr>
<td>11:45</td>
<td>A child with persistent cough and haemoptisis</td>
<td>Yasemin Gökdemir (Istanbul, Turkey). Speaker to be confirmed</td>
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<tr>
<td>12:15</td>
<td>Shortness of breath, cough and right sided chest pain in a child</td>
<td>Nafsika Sismanoglou (Nottingham, United Kingdom)</td>
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### Session: ERS-ALAT-SBPT-SEPAR-SPP joint session: Spanish and Portuguese Session II

**Aims:** The aims of this session are to discuss key issues in respiratory medicine, providing the opportunity to hear about the latest scientific developments. Note that the presentations will be conducted in Spanish, Portuguese or English with dual projection of slides in Spanish/Portuguese and English.

**Target audience:** ERS International Congress participants from Spanish and Portuguese speaking countries, and all others welcome.

**Chairs:** Andrés Palomar Lever (Mexico, Mexico), Venceslau José Coelho Pinto Hespanhol (Porto, Portugal)

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<tr>
<td>10:45</td>
<td>Introduction by the Presidents</td>
<td>Andrés Palomar Lever (Mexico, Mexico), Venceslau José Coelho Pinto Hespanhol (Porto, Portugal)</td>
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<tr>
<td>10:55</td>
<td>Lung cancer, noninvasive molecular treatment and monitoring</td>
<td>Machardo José Carlos (Porto, Portugal)</td>
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<tr>
<td>11:15</td>
<td>Pulmonary arterial hypertension case</td>
<td>Jorge Osvaldo Caneva (Buenos Aires, Argentina)</td>
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<td>11:35</td>
<td>RELAP (Latin-American Registry of Pulmonary Hypertension): methods</td>
<td>Arturo Gomez Gonzalez (México, Mexico)</td>
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<tr>
<td>11:50</td>
<td>RELAP (Latin-American Registry of Pulmonary Hypertension): results</td>
<td>Tomás Pulido Zamudio (Mexico, Mexico)</td>
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<td>12:05</td>
<td>Introduction to Gustavo Zabert</td>
<td>Joan B. Soriano (Madrid, Spain)</td>
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<td>12:15</td>
<td>Marijuana health outcomes and legislation in Latin America</td>
<td>Gustavo Zabert (Neuquen, Argentina). Speaker to be confirmed</td>
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### Session: State-of-the-art research techniques from Royal Brompton Hospital and Imperial College London I
**Aims:** Find out how research is done and how techniques are applied to translational studies with video presentations and discussion with the researchers and clinical scientists. Each presentation (30 min) will cover the steps in research in a series of videos and slides, followed by Q&A session.

**Chairs:** Maria Gabriela Belvisi (London, United Kingdom)

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<tr>
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<tr>
<td>10:45</td>
<td>Airway sensory nerves</td>
<td>Mark Birrell (London, United Kingdom)</td>
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<tr>
<td>11:15</td>
<td>Cough</td>
<td>Jaclyn Smith (Manchester, United Kingdom)</td>
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<tr>
<td>11:45</td>
<td>Bronchoconstriction</td>
<td>Duncan Rogers (London, United Kingdom)</td>
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<tr>
<td>12:15</td>
<td>Small airway function</td>
<td>Omar Usmani (London, United Kingdom)</td>
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**10:45 - 12:45**

**Poster Discussion: In- and out-patient COPD management**

**Chairs:**

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<tr>
<td>Readmissions in COPD: The perspective of the patient</td>
<td>Jan Willem K. van den Berg, Justin Blom, Speaker to be confirmed</td>
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<tr>
<td>Effect of carbocysteine lysine salt on frequency of exacerbations in COPD patient treated with or without inhaled steroids</td>
<td>Federico Saibene, Gregorino Paone, Luigi Lanata, Giovanni Puglisi, Barbara Moscatelli, Renato Delli Colli, Speaker to be confirmed</td>
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<td>Report of outcomes from referral to a multidisciplinary COPD hyperinflation service in the UK</td>
<td>Joyce Chew, Jurgen Herre, Susan Perrott, Aman Coomar, Judith Babar, Marco Scarci, Jas Parmar, Ravi Mahadeva, Speaker to be confirmed</td>
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<td>Challenges faced by practicing pulmonologists in the management of COPD in India</td>
<td>Simi Raghavan, Monica Barne, Sushma Jadhav, Sapna Madas, Sundeep Salvi, Speaker to be confirmed</td>
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<td>The impact of depression and anxiety on never-smokers COPD patients</td>
<td>Rebeca Sicilia Torres, C. Cabrera, C. Casanova, F. León, G. Julián, J. Martín, P. De Torres, M.A. García, M. Divo, B. Celli, Speaker to be confirmed</td>
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<td>Effectiveness of a comprehensive management program of fragile COPD patients</td>
<td>Maria Asuncion Macia Palazon, Vanina Pardini, Federico Fiorentino, Angés Noguera, Rocío Martínez, Josep Lluís Valera, J.B. Soriano, Javier Verdú, Jaume Sauleda, Ernest Sala, Borja G. Cosío, Speaker to be confirmed</td>
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<td>The MEP: A three-variable scoring system for predicting all-cause COPD readmissions</td>
<td>Vanessa Yap, Debapriya Datta, Loreen Williams, Diahann Wilcox, Adam Silverman, Richard ZuWallack, Speaker to be confirmed</td>
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<td>Predictive factors of 90-days post-discharge COPD acute exacerbation’s recurrence</td>
<td>Ahmed Ben Saad, Hathami Mrubah, Saoussen Cheikh Mhammed, Nesrine Fahem, Samah Joobeur, Naceur Rouatbi, Ali El Kamel, Speaker to be confirmed</td>
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<td>Change of COPD maintenance medication over two years in a large real life cohort: The DACCORD study</td>
<td>Peter Kardos, Claas Vogelmeier, Heinrich Worth, Roland Buhl, Claudia Mailaender, Nadine Lossi, Carl-Peter Criege, Speaker to be confirmed</td>
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<td>RT protocol reduces AECOPD readmissions</td>
<td>Jill Ohar, Chee Loh, Tina Lovings, Sharon Cornelison, James Donohue, Speaker to be confirmed</td>
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<td>Comparison of spirometric z-scores with FEV&lt;sub&gt;1&lt;/sub&gt; percent prediction in predicting exacerbations in elderly COPD patients</td>
<td>Tang-Hsiu Huang, Chiung-Zuei Chen, Han-Yu Chang, Tzuen-Ren Hsiue, Speaker to be confirmed</td>
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<tr>
<td>Can we personalize COPD treatment by exacerbation frequency and severity? Three years of follow-up</td>
<td>Francesca Bigazzi, Viola Bonti, Alessio Garcea, Matteo Paololetti, Gianna Camiciottoli, Massimo Pistolesi, Speaker to be confirmed</td>
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Factors associated with self-reported reduced walking time in patients with COPD
Maria Antonia Ramon, Cristina Esquinias, Miriam Barrecheguren, Eulogio Pleguezuelos, Jesús Molina, José Antionio Quintano, Miguel Román-Rodríguez, Karlos Naberan, Carl Llor, Carlos Roncero, Marc Miravitlles, Speaker to be confirmed

Aspergillus in COPD patients; is it a predictor for mortality?
Leonie Imming, Rob Klont, Paul van der Valk, Marjolein Brusse-Keizer, Speaker to be confirmed

Pharmacotherapy of COPD in Central and Eastern Europe - The POPE study
Ruzena Tkacova, Jan Svancara, Vladimir Koblízek, Attila Somfay, Branislava Milenkovic, Adam Barczyk, Kirill Zykov, Neven Tudoric, Kosta Kostov, Jurij Sorli, Alivils Kräms, Zuzana Zbozinkova, Marc Miravitlles, Arschang Valipour, Speaker to be confirmed

Longitudinal changes in COPD patients in primary care
Hana Müller, Jadwiga Wedzicha, Marc Decramer, Paul Jones, Speaker to be confirmed

Hypoxia altitude simulation test (HAST) versus hypobaric chamber test (HCT) in COPD patients
Christina Priegnitz, Marcel Treml, Norbert Anduleit, Matthias Putzke, Jürgen Wenzel, Winfried J. Randerath, Speaker to be confirmed

10:45 - 12:45
Poster Discussion: Asthma: mechanisms and biomarkers leading to clinical understanding

Impact of the genetic variation of GLCCI1 on clinical features of asthmatic patients
Shinji Chiba, Yutaka Nakamura, Hiromi Nagashima, Naoto Morikawa, Nobuhito Sasaki, Kohei Yamauchi, Speaker to be confirmed

Peripheral pathological ILC2: An inflammatory indicator for the assessment of asthma control in clinics
Zhihong Chen, Yi Jia, Renhong Tang, Chunxue Bai, Speaker to be confirmed

Ribosomal protein S3 gene silencing protects against experimental allergic asthma
Jinrui Dong, Wupeng Liao, Hong Yong Peh, Tze Khee Chan, W.S. Daniel Tan, Li Li, W.S. Fred Wong, Speaker to be confirmed

Identification of therapeutic targets for steroid-insensitive asthma using models that represent different clinical subtypes of disease
Jay Horvat, Richard Kim, James Pinkerton, Brittany Rae, Malcolm Starkey, Ama-Tawiah Essilfie, Jemma Mayall, Bernadette Jones, Tatt Jhong Haw, Hiep Nguyen, Simon Keely, Joerg Mattes, Ian Adcock, Paul Foster, Philip Hansbro, Speaker to be confirmed

NLRP3 inflammasome-mediated, IL-1β-dependent inflammatory responses drive steroid-resistant asthma
Jay Horvat, Richard Kim, James Pinkerton, Ama-Tawiah Essilfie, Avril Robertson, Katherine Baines, Jemma Mayall, Malcolm Starkey, Peter Wark, Peter Gibson, Luke O’Neill, Matthew Cooper, Philip Hansbro, Speaker to be confirmed

Impact of childhood and adolescence overweight on airway hyperresponsiveness in adulthood, a 20-year follow-up study
Louise Toennesen, Celeste Porsbjerg, Charlotte Ulrik, Lotte Harmsen, Asger Bjerringaard, Vibeke Backer, Speaker to be confirmed

Predictors of long-term lung function decline in adult-onset asthma
Minna Tommola, Pinja Ilmarinen, Leena Tuomisto, Jussi Haanpää, Terhi Kankaanranta, Onni Niemelä, Hannu Kankaanranta, Speaker to be confirmed

Relationship between serum periostin and airway wall thickness in asthma
Makoto Hoshino, Junichi Ohtawa, Kenta Akitsu, Speaker to be confirmed

High proportion of overlap between adult asthma phenotypes in a large population-based sample
Rita Amaral, João A. Fonseca, Tiago Jacinto, Ana Margarida Pereira, Andrei Malinovschi, Christer Janson, Kjell Alving, Speaker to be confirmed

Forced oscillation technique as a predictor of airway hyper-responsiveness in asthma
Taisuke Akamatsu, Yuko Tanaka, Hirofumi Watanabe, Yoshinari Endo, Yukiko Shimoda, Takahito Suzuki, Ichiro Hayashi, Shogo Sakurai, Mika Saigusa, Akito Yamamoto, Yuichiro Shishido, Takefumi Akita, Satoru Morita, Kazuhiro Asada, Toshihiro Shirai, Speaker to be confirmed

Investigating antioxidant therapy for steroid-resistant asthma
James Pinkerton, Richard Kim, Ama-Tawiah Essilfie, Brittany Rae, Jemma Mayall, Md. Khadem Ali, Malcolm Starkey, Lisa Wood, Shyam Biswal, Jay Horvat, Philip Hansbro, Speaker to be confirmed
Treadmill exercise decreases expression of innate immunity molecules in peripheral blood leukocytes in competitive athletes, asthmatics and healthy subjects
Marcin Maciej Kurowski, Janusz Jurczyk, Małgorzata Pawełczyk, Aleksandra Szulc, Hubert Krysztofiak, Marek L. Kowalski, Speaker to be confirmed

Caspase-1 induces upstream Th2-cytokines IL-33 and TSLP and eosinophilia at viral induced asthma exacerbations
Mandy Menzel, Samuel Cerps, Irma Mahmutovic Persson, Hamid Akbarshahi, Lena Uller, Speaker to be confirmed

Increased levels of apoptotic and necrotic markers during asthma exacerbation
Samuel Cerps, Mandy Menzel, Hamid Akbarshahi, Lena Uller, Speaker to be confirmed

Obese patients with partially controlled asthma: Weight control shows more benefit in IgE low patients
Edin Jusufovic, Mitia Kosnik, Rifa Sejdinovic, Elida Turkusic, Munevera Osmic, Alma Nadarevic, Fransi Petk, Dzenan Halilovic, Azra Jusufovic, Besim Prnjavorac, Speaker to be confirmed

Free serum IL-18 levels and responsiveness to omalizumab in patients with severe asthma
Tomoko Tajiri, Hisako Matsumoto, Yasuhiro Gon, Reiko Ito, Shu Hashimoto, Kenji Izuhara, Junya Ono, Shoichiro Ohta, Isao Ito, Tsuyoshi Oguma, Hideki Inoue, Toshiyuki Iwata, Tadao Nagasaki, Yoshihiro Kanemitsu, Akio Niimi, Michiaki Mishima, Speaker to be confirmed

Risk factors of fixed airway obstruction in elderly patients with asthma
Woo-Jung Song, Sung-Do Moon, Ha-Kyoung Won, Kyung-Hee Sohn, Sung-Yoon Kang, Ju-Young Kim, Seung-Eun Lee, So-Hee Lee, Min-Suk Yang, Heung-Woo Park, Yoon-Seok Chang, Byung-Jae Lee, Claus Bachert, Kyung-Up Min, Sang-Heon Cho, Speaker to be confirmed

Exhaled nitric oxide variations during oral challenge with different NSAIDs in patients with aspirin-induced asthma
Lambros Ganavias, Konstantinos Porpodis, Konstantinos Katsoulis, Dimitrios Gioulekas, Lazaros Sichleidis, Konstantinos Zarougoulidis, Despoina Papakosta, Speaker to be confirmed

10:45 - 12:45
Poster Discussion: Special issues in thoracic surgery
Chairs:
The spontaneous pneumothorax (SP) in women associated with thoracic endometriosis (TE)
Alexey Pichurov, Oleg Orzheshkovskii, Alexey Petrunkin, Mihail Atukov, Piotr Yablonskii, Speaker to be confirmed

Intrapulmonary endometriosis is rare thoracic pathology
Ivetta Dvorakovskaya, Irina Platonova, Victoriiya Pechennikova, Aleksey Pichurov, Oleg Orzheshkovskii, Boris Ariel, Petr Yablonskiy, Speaker to be confirmed

Does the pubertal growth affect the occurrence of primary spontaneous pneumothorax?
Tevfik Ilker Akcam, Sukran Darcan, Ali Öz, Onder Kavurmaci, Ayse Gut Ergonul, Kutsal Turhan, Alpaslan Cakan, Ufuk Cagirici, Speaker to be confirmed

Pre-operative anaemia does not influence clinical outcome in patients undergoing pulmonary endarterectomy (PEA)
Emilia Swietlik, Emily Bales, Martin Besser, John Cannon, Mark Toshner, Dolores Taboada, Karen Sheares, David Jenkins, Joanna Pepke-Zaba, Speaker to be confirmed

Diagnostics and surgical treatment of polycystic disease of lungs
Rustem Hayaliie, Georgiy Pakhmonov, Shuhrat Khudaybergenov, Otabek Esonkhodjaev, Jalodi Sadullaev, Speaker to be confirmed

Clinical presentation and characteristics of 25 adult cases of pulmonary sequestration, a retrospective study
Mateusz Polaczeck, Jacek Zych, Inga Baranska, Piotr Rudzinski, Małgorzata Szolkowska, Renata Langfort, Iwona Bestry, Tadeusz Orłowski, Kazimierz Roszkowski-Slíz, Speaker to be confirmed

Is surgery stil an option in bronchiectasis?
Fatma Isil Uzel, Sedat Altin, Ali Cevat Kutuk, Necati Ç, kacik, Esin Tuncay, Speker to be confirmed

Abrahamson technique for pectus carinatum deformity: A video presentation
Ali Nayci, Gokhan Berkutg Bahadir, Hakan Taskinlar, Dogakan Yigit, Dincer Avlan, Speaker to be confirmed

Surgical treatment for chest wall chondrosarcoma
Kenan Can Ceylan, Seyda Ors Kaya, Tuba Acar, Ozgur Samancilar, Speaker to be confirmed
**Elastofibroma dorsi: A rare tumor of chest wall**
Kenan Can Ceylan, Seyda Ors Kaya, Sena Uğur Calıskan, Serpil Sevinc, Onur Akcay, Speaker to be confirmed

**The impact of lung cancer resection surgery on fibrinogen and C-reactive protein and their relationship with patients outcomes: A prospective follow up study**
Ingrid Nogueira, Amanda Araújo, Maria Tereza Morano, Antero Gomes Neto, Israel Medeiros, Clarissa Magalhaes, Guilherme Silva, Herbert Costa, Manoel Odorico Moraes Filho, Flávia Santos, Eanes Pereira, Speaker to be confirmed

**Prediction of post-pneumonectomy respiration**
Min-Yeong Kang, Hervé Guénard, Bernard Sapoval, Speaker to be confirmed

**Sleeve lung resection for non-small cell lung cancer after induction therapy: A safe method**
Kenan Can Ceylan, Seyda Ors Kaya, Taner Ozturk, Ozan Usluer, Saban Unsal, Serpil Sevinc, Speaker to be confirmed

**Correlation between clinical and pathological factors in resected lung carcinoid tumours**
Dragan R. Subotic, Nikola Atanasijadis, Vladimir Milenkovic, Milan Savic, Dejan Moskovljevic, Jelena Stojicic, Speaker to be confirmed

**Completion pneumonectomy for lung cancer relapse after surgery- What is a real benefit?**
Dragan R. Subotic, Nikola Atanasijadis, Milan Savic, Dejan Moskovljevic, Milan Gajic, Speaker to be confirmed

**Videothoracoscopy in the differential diagnosis disseminated pulmonary diseases**
Dmitriy Pilkevich, Sergey Skornyakov, Marina Lehlyayder, Aleksey Medyakov, Nikita Gorbunov, Dinar Gatautov, Speaker to be confirmed

**Relapsed hydatid disease**
Rustem Hayaliev, Georgiy Pakhomov, Shuhrat Khudaybergenov, Shohruh Ahmedov, Speaker to be confirmed

**Adrenalectomy for isolated lesions in operable patients with non-small-cell lung cancer**
Danail Petrov, Georgi Iankov, Svetlana Shumarova, Anatoli Semkov, Georgi Todorov, Speaker to be confirmed

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**10:45 - 12:45**

**Poster Discussion: Effects of exercise training interventions in chronic respiratory disease**

**Chair:**

**Mechanisms underlying the role of exercise training as part of a weight loss program on asthma control in obese asthmatics**
Patricia Freitas, Palmita G. Ferreira, Aline G. Silva, Rafael Stelmach, Regina Carvalho-Pinto, Frederico L.A. Fernandes, Milton A. Martins, Marcio C. Mancini, Maria N. Sato, Celso R.F. Carvalho, Speaker to be confirmed

**Effects of a comprehensive program of physical training and oropharyngeal exercises in patients with obstructive sleep apnea syndrome: A randomized clinical trial**
Rodrigo Torres-Castro, Onizta Garnenda, Jordi Vilarró, Joan-Daniel Marti, Barbara Roman Andreoni, Jorge Rodríguez, guez, Cristina Embid, Josep Montserrat, Speaker to be confirmed

**Feasibility, acceptability and safety of downhill walking during pulmonary rehabilitation for patients with COPD: Results from a randomised controlled trial**
Christian Osadnik, Carlos Augusto Marcal Camillo, Matthias Loeckx, Fernanda Maria Machado Rodrigues, Miek Hornikx, Heleen Demeyer, Chris Burtin, Wim Janssens, Thierry Troosters, Speaker to be confirmed

**Comparison of inspiratory muscle training and home-based rehabilitation approach in patients with primary ciliary dyskinesia**
Hazal Sonbahar Ulu, Deniz İnal Ince, Cemile Bozdemir Ozel, Aslihan Cakmak, Naciye Vardar Yaglı, Melda Saglam, Ebru Calik Kutukcu, Ozden Ozkal, Hülya Arikan, Nagehan Emiralioglu, Hayriye Ugur Ozcelik, Speaker to be confirmed

**Presence of Kartagener syndrome reduces exercise capacity in primary ciliary dyskinesia**
Deniz İnal Ince, Senem Simsek, Melda Saglam, Hazal Sonbahar-Ulu, Aslihan Cakmak, Ebru Calik-Kutukcu, Naciye Vardar-Yaglı, Cemile Bozdemir-Ozel, Nagehan Emiralioglu, Ugur Ozcelik, Nural Kiper, Hülya Arikan, Speaker to be confirmed

**Home-based rehabilitation program with superimposed neuromuscular electrical stimulation in stable COPD patients**
Irene Torres Sanchez, Marie Carmen Valenza, Tamara Del Corral Núnez-Flores, Concepción Morales García, Janet Rodríguez Torres, Gerald Valenza Demet, Speaker to be confirmed
Acute effect of cigarette-smoke exposure on muscle fiber type distribution and morphology of soleus in rats
Shirley Ngai, Alex Cheung, Judith Mak, Ming Chiu, Hugo Hoi, Andrew Tam, Benson Lau, Speaker to be confirmed

Cardiorespiratory demand during upper and lower limb resistance exercises in patients with COPD
Andre Nyberg, Didier Saey, Mickael 1 Martin, Francois Malais, Speaker to be confirmed

Reliability of using magnetic stimulation to evaluate muscle function in patients with severe to very severe COPD and healthy subjects
Andre Nyberg, Didier Saey, Mickael 1 Martin, Francois Malais, Speaker to be confirmed

Physical activity program improves exercise tolerance and aerobic capacity in bronchopulmonary dysplasia children
Natalia Morales, Andrea Papaleo, Vicente Morales, Gregory Reychner, Speaker to be confirmed

Effects of pulmonary rehabilitation in severe patients with idiopathic pulmonary fibrosis referred for lung transplantation
Fabricio Farias da Fontoura, Danilo Cortozi Berton, Guilherme Watte, Julissia Florian, Sadi Marcelo Schio, Jose de Jesus Peixoto Camargo, Paulo Jose Zimmermann Teixeira, Jose da Silva Moreira, Speaker to be confirmed

Comparison of 2 different modalities to determine training intensity in moderate intensity continuous (MIC) and high intensity interval (HIT) treadmill walking in patients with severe COPD - A pilot feasibility study
Tessa Schneeberger, Rainer Gloeckl, Inga Jarosch, Selina Adler, Andreas Jerrentrup, Klaus Kenn, Speaker to be confirmed

Pulmonary rehabilitation in lung transplant candidates
Mariana Hoffman Barbosa, Gabriela Chaves, Giane Amorim Ribeiro-Samara, Raquel Rodrigues Britto, Verônica Franco Parreira, Speaker to be confirmed

Does preoperative exercise training prevent functional decline after video-assisted thoracic surgery?
Raquel Sebio Garcia, Ana Lista Paz, Maria Isabel Yañez Brage, Esther Gimenez Moolhuysen, Marta Salorio Rioboo, Jose Maria a Borro Mate, Speaker to be confirmed

"A cute effects using light-emitting diode therapy (LEDT) for muscle function during isometric exercise in asthma patients: Preliminary results"
Ivan Peres Costa, Lawrence Cahalin, Fabiano Politti, Etiene Farah Teixeira Carvalho, Ross Arena, Dirceu Costa, Nivaldo Antonio Parizotto, Luciana Malosa Sampaio, Speaker to be confirmed

Supplemental oxygen during exercise training in people with COPD during pulmonary rehabilitation: A survey
Regina Leung, Zoe McKeough, Sue Jenkins, Anne Holland, Kylie Hill, Norman Morris, Lissa Spencer, Catherine Hill, Annemarie Lee, Helen Seale, Nola Cecins, Christine McDonald, Speaker to be confirmed

Preliminary efficacy of preoperative exercise training in patients with lung malignancies undergoing VATS
Raquel Sebio Garcia, Ana Lista Paz, Maria Isabel Yañez Brage, Esther Gimenez Moolhuysen, Marta Salorio Rioboo, Jose Maria a Borro Mate, Speaker to be confirmed

Effects of resistance training using elastic tube or bands on muscle function and body composition in COPD subjects
Fabiano Lima, Ana Paula Freire, Bruna Silva, Paula Manfrim, Mariana Previatto, Paulo Gomes, Julia Lourenço, Fernando Zandonadi, Dionei Ramos, Luis Gobbo, Carlos Camillo, Ercy Mara Ramos, Speaker to be confirmed

10:45 - 12:45
Poster Discussion: Community-acquired pneumonia from prevention to treatment

Chairs:

The impact of smoking on community acquired pneumonia course and outcomes
Adamadia Liapikou, Sotiria Makrodimitri, Konstantina Deskata, Matthew Katrasas, Christina Triantafillidou, Katerina Dimakou, Ioannis Dimitroulis, Michael Toumbis, Speaker to be confirmed

Relationship between the use of inhaled steroids and early outcomes in community-acquired pneumonia
Adamadia Liapikou, Sotiria Makrodimitri, Sofia Raftopoulou, Andreas Anastasopoulos, Panagiotis Petras, Micael Toumbis, Speaker to be confirmed
The impact of hyperglycemia on community-acquired pneumonia: A retrospective cohort study
Andreas Vestergaard Jensen, Gertrud Baunbæk Knudsen, Stine Bang Andersen, Pelle Trier Petersen, Thomas Benfield, Daniel Faunholt-Jepsen, Gernot Rohde, Pernille Ravn, Speaker to be confirmed

Characteristics of pneumococcal community-acquired pneumonia presenting with respiratory failure
Leyre Serrano Fernandez, Luis Alberto Ruiz, Pedro Pablo Espaňa, Ainhoa Gomez, Lorea Martinez-Indart, Marta Garcia, Amaia Aramburu, Alberto Capelastegui, Rafael Zalacain, Speaker to be confirmed

Can procalcitonin or C-reactive protein predict suppurative lung complications and ARDS at severe community-acquired pneumonia (CAP)?
Kseniia Bielosludtseva, Tetyana Pertseva, Tetyana Kireyeva, Speaker to be confirmed

YKL-40 and CCL18 predict mortality in patients hospitalised with community-acquired pneumonia; an observational analysis
Simone Spoorenberg, Stefan Vestjens, Ger Rijkers, Bob Meek, Coline van Moorsel, Jan Grutters, Willem Jan Bos, Speaker to be confirmed

Critical review of the current management of pleural infection in a UK district general hospital.
Applying the MIST II (multicentre intrapleural sepsis trial) evidence to our current practice
Benjamin Peirce, Thomas Pulimood, Clare Harris, Speaker to be confirmed

Serum procalcitonin as a potential biomarker of surgery in parapneumonic pleural effusions
Arturo Cortes-Telles, Angel Emmanuel Vega-Sanchez, José Luis Che-Morales, Daniëlle Aimee Manjarrez-Martín, Gary Kosai Vargas-Mendoza, Speaker to be confirmed

Bacteremic vs. non-bacteremic pneumococcal pneumonia in immunocompetent patients: Predictive and prognostic factors
Rosanel Amaro Rodriguez, Adamatia Liapikou, Catia Cilloniz, Albert Gabarrús, Francesc Marco, Jacobo Sellaré, Eva Polverino, Javier Garau, Miquel Ferrer, Daniel M. Mushor, Antoni Torres, Speaker to be confirmed

The risk factors of clinical practice for bacteremia in community-acquired pneumococcal pneumonia
Yasuoshi Washio, Akihiro Ito, Shogo Kumagai, Tadashi Ishida, Speaker to be confirmed

Predisposing factors for bacteremia in patients with community-acquired pneumonia and positive pneumococcal urinary antigen
Leyre Serrano Fernandez, Rafael Zalacain, Alberto Capelastegui, Ainhoa Gomez, Lorea Martinez-Indart, Marta Garcia, Ane Uranga, Pedro Pablo Espaňa, Luis Alberto Ruiz, Speaker to be confirmed

Clinical impact of a prediction score for drug-resistance in community-onset pneumonia
Brandon Webb, Jeff Sorensen, Herman Post, Peter Jones, Dominika Swistun, Al Jephson, Nathan Dean, Speaker to be confirmed

Community-acquired pneumonia due to multidrug and non-multidrug resistant pseudomonas aeruginosa
Catia Cilloniz Campos, Albert Gabarrús, Adamantia Liapikou, Daniel Martinez, Michael Niederman, Antoni Torres, Speaker to be confirmed

Effect of giving antibiotics within 4 hours to patients with community-acquired pneumonia on mortality, length of stay and critical care admission
Olivia George, Ian Webster, Speaker to be confirmed

Empirical treatment of community-acquired pneumonia after outpatient beta-lactam therapy
Cornelis H. van Werkhoven, EWoudt M.W. van de Garde, Jan Jelrik Oosterheert, Douwe F. Postma, Marc J.M. Bonten, Speaker to be confirmed

Empiric penicillin monotherapy of CAP is not associated with increased mortality; experiences from the retrospective CAP-North cohort
Gertrud Baunbæk Knudsen, Andreas Vestergaard Jensen, Stine Bang Andersen, Pelle Trier Petersen, Bjarne Ørskov Lindhardt, Christian von Plessen, Gernot Rohde, Pernille Ravn, Speaker to be confirmed

No preventive effects of 23-valent pneumococcal polysaccharide vaccine in patients with chronic renal failure
Meng-Jer Hsieh, Chun-Chen Yu, Han-Chung Hu, Ying-Huang Thai, Speaker to be confirmed

Evolutionary trend of invasive pneumococcal disease according to serotypes
Maria Jose Galvez Medina, Angela Ramos Pinedo, Jose Francisco Valverde Canovas, Elia Perez, Javier Solano, Mercedes Izquierdo, Nuria Echave, Marta Inmaculada Hernandez, Speaker to be confirmed

Poster Discussion: Lung cancer and immune cells: friends or foes?
Chairs:

**Neutrophil to lymphocyte ratio (NLR) as a predictor of poor prognosis in advanced non-small cell lung cancer**

Hela Cherif, Saoussen Bacha, Amani Sghaier, Sonia Habibech, Hager Racil, Sana Cheikhrouhou, Naouel Chaouech, Abdellatif Chabbou, Mohamed Lamine Megdiche, Speaker to be confirmed

**The prognostic impact of the neutrophil-to-lymphocyte ratio (NLR) and platelet-to-lymphocyte ratio (PLR) in patients with non-small cell lung cancer**

Pinar Yildiz, Mesut Bayraktaroglu, Speaker to be confirmed

**Lymphocyte profile in the BALF from affected lung in comparison to healthy lung and systemic inflammation in lung cancer**

Iwona Osinska, Anna Stelmaszczyk-Emmel, Małgorzata Polubiec-Kownacka, Dariusz Dzdziec, Joanna Domagala-Kulawik, Speaker to be confirmed

**Correlation of IL-17A concentration with T regulatory cells in lung cancer microenvironment**

Iwona Osinska, Anna Stelmaszczyk-Emmel, Małgorzata Proboszcz, Małgorzata Polubiec-Kownacka, Dariusz Dzdziec, Joanna Domagala-Kulawik, Speaker to be confirmed

**Ferroptosis of alveolar macrophages in lung cancer**

Svetlana Zunic, Snezana Zunic, Speaker to be confirmed

**CD163 and CCR7 markers for macrophage polarisation in patients with lung cancer**

Iwona Osinska, Dominika Wołosz, Małgorzata Prokoszc, Małgorzata Polubiec-Kownacka, Dariusz Dzdziec, Joanna Domagala-Kulawik, Speaker to be confirmed

**Interleukin 27 (IL 27) as antitumor tool? Results from bronchoalveolar lavage (BAL) examination**

Joanna Woźniak, Tomasz Wandkje, Joanna Chorostowska-Wynimko, Teresa Iwaniec, Cezary Rybacki, Blażej Przybylski, Piotr Kopiński, Speaker to be confirmed

**Pro and anti-inflammatory cytokines in patients with lung adenocarcinoma clinical stages IIIIB and IV undergoing chemotherapy**

Uriel Rumbo Nava, José Sullivan López González, Lorenzo Islas Vázquez, Renata, Speaker to be confirmed

**Advanced lung cancer inflammation index (ALI): A new prognostic score in patients with non small cell lung cancer**

Saoussen Bacha, Sabrine Mejdoub, Amani Sghaier, Habibach Sonia, Hager Racil, Sana Cheikhrouhou, Naouel Chaouch, Abdellatif Chabbou, Mohamed Lamine Megdiche, Speaker to be confirmed

**Anti-cancer effects of bevacizumab and cisplatin on cancer cell invaded human ex-vivo lung tissue**

Sebastian Konzok, Susann Dehmel, Peter Braubach, Danny Jonigk, Olaf Pfennig, Hans-Gerd Fieguth, Armin Braun, Katherina Sewald, Speaker to be confirmed

**COPD-like inflammation drives the progression of K-ras induced early cancerous lesions**

Christopher Jungnickel, Philipp Schnabel, Rainer Bohle, Robert Bals, Christoph Beisswenger, Speaker to be confirmed

**The opposite direction of LC3 A/B-I/II change in Raw264.7 cells and A549 cells treated with graphene oxide and its functionalized chemicals**

Jong-Wook Shin, Jae Woo Jung, Jae Chul Choi, Jae Yeol Kim, In Won Park, Byoung Whui Choi, Chang Seok Park, Kyoung Soon Choi, Speaker to be confirmed

**cAMP response element binding protein in KRAS-driven lung adenocarcinoma**

Georgia Giotopoulou, Nikolina Spiriopoulou, Evanthis Tourkochristou, Ioanis Livis, Nikolaos Kanellakis, Anthodesmi Krontira, Georgios Stathopoulos, Antonio Marazzi, Speaker to be confirmed

**Autotaxin is a novel player in lung cancer**

Vassilis Aidinis, Christina Magkrioti, Oikonomou Nikos, Mouratis Marios-Angeles, Kaffe Eleana, Stathopoulos Georgios, Speaker to be confirmed

**Cell intrinsic and environmental factors influencing human bronchial epithelial cell migration**

Fraser Millar, Kate Gowers, Robert Hynds, Jessica Eley, Rachel Chambers, Sam Janes, Adam Giangreco, Speaker to be confirmed

**Bone marrow-derived mesenchymal stem cells involve in lymphangiogenesis of lung cancer**

Xian-Mei Zhou, Dan Wang, Jie Tang, Speaker to be confirmed

**Dihydroartemisinin combined with cisplatinum induced apoptosis and related mechanism research in human lung adenocarcinoma H1299 cells**

Xiao-Bo Yin, Ping Wang, Yue Zheng, Shu-Feng Xu, Ai-Min Li, Jing Zhao, Fei-Fei Liu, Qi Tian, Speaker to be confirmed
**CellCollector®: A novel method for the isolation of circulating tumor cells (CTC) in vivo and ex vivo in lung cancer patients during therapy**
Bernd Schmidt, Hubertus Rolke, Clemens Oerding, Michael Fleischhacker, Speaker to be confirmed

### 10:45 - 12:45

**Oral Presentation: Endoscopic lung volume reduction I**

**Chairs:**

**10:45**

**One year follow-up after endobronchial valve treatment in patients with emphysema without interlobar collateral ventilation**
Karim Klooster, Jorine E. Hartman, Nick H.T. Ten Hacken, Dirk-Jan Slebos, Speaker to be confirmed

**11:00**

**Survival after endoscopic valve therapy in patients with severe emphysema**
Daniela Gompelmann, Nicola Benjamin, Elena Bischoff, Hans Hoffmann, Claus-Peter Heussel, Felix J.F. Herth, Ralf Eberhardt, Speaker to be confirmed

**11:15**

**CT surrogates of interlobar collateral ventilation: Comparison against Chartis system measurements**
Youbing Yin, Maren Schuhmann, Daniela Gompelmann, Ralf Eberhardt, Susan Wood, Felix Herth, Speaker to be confirmed

**11:30**

**Quantitative CT (QCT) analysis of emphysema and air trapping in coil-based lung volume reduction (LVRC) treatment**
Konstantina Kontogianni, Youbing Yin, Maren Schuhmann, Ralf Eberhardt, Daniela Gompelmann, Susan Wood, Felix Herth, Speaker to be confirmed

**11:45**

**STEP-UP randomized controlled trial of vapor ablation in patients with severe emphysema: 12 month results**
Felix J.F. Herth, Pallav Shah, Arschang Valipour, Ralf Eberhardt, Christian Grah, Jim Egan, Joachim Ficker, Manfred Wagner, Christian Witt, Uta Liebers, Wolfgang Gesierich, Franz Stanzel, Martin Phillip, William McNulty, Peter Hopkins, Christoph Petermann, Greg Snell, Daniela Gompelmann, Speaker to be confirmed

**12:00**

**Safety, feasibility and efficacy of 2% polidocanol in endobronchial sealing of bronchopleural fistulae Phase 2 interventional clinical trial**
Bojan Zaric, Goran Stojanovic, Eviča Budisin, Marijela Potic, Tomi Kovacevic, Branislav Perin, Speaker to be confirmed

**12:15**

**Intra-bullous adhesion pexia: A novel alternative to treat giant pulmonary bulla**
Wei-Liang Li, Yong-Hua Li, Yu-Bo Yang, Li-Hui Lv, Speaker to be confirmed

### 10:45 - 12:45

**Oral Presentation: IPF pathogenesis**

**Chairs:**

**10:45**

**Induction of pro-fibrotic biomarkers in precision-cut lung slices (PCLS)**
Christina Hesse, Samuel Mang, Heinz-Gerd Hoymann, Monika Niehof, Peter Braubach, Danny Jonigk, Gregor Warncke, Olaf Pfennig, Hans-Gerd Fieguth, Armin Braun, Katherina Sewald, Speaker to be confirmed

**11:00**

**The role of miR-21 and miR-34a in the fibrotic process of the lung**
Patrizia Morbini, Elena Rossi, Simona Inghilleri, Giuseppina Ferrario, Davide Piloni, Salvatore Cuzzocrea, Rosanna Di Paola, Fiorella Calabrese, Bart Vanaudenaerde, Federica Meloni, Speaker to be confirmed

**11:15**

**Germline SFTPA1 mutation in familial idiopathic interstitial pneumonia and lung cancer**

**11:30**

**Pirfenidone attenuates myofibroblast differentiation during insufficient mitophagy**
Yuusuke Kurita, Jun Araya, Hiromi Hara, Shunsuke Minagawa, Nayuta Saito, Nahoko Sato, Kazuya Tsubouchi, Masahiro Yoshida, Kenji Kobayashi, Takanori Numata, Yumi Kaneko, Katutoshi Nakayama, Kazuyoshi Kuwano, Speaker to be confirmed

**11:45**

**Mechanisms of treatment response to pirfenidone of idiopathic pulmonary fibrosis (IPF) patients**
Nicola Ronan, Kashif A. Khan, Abirami Subramaniam, Yvonne McCarthy, Louise Burke, A. Chelliah, Barry J. Plant, Michael T. Henry, Speaker to be confirmed
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>12:00</td>
<td><strong>Safety and efficacy of pirfenidone in patients with lung fibrosis and TERT mutation</strong></td>
<td>Aurélie Justet, Raphael Borie, Hilario Nunes, Vincent Cottin, Sylvain Marchand Adam, Jacques</td>
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<td>Cadranel, Emmanuel Bergot, Lidwine Weemeau-Stervigneau, Jean Marc Naccache, Eline Magois, Irene</td>
<td>Frachon, Anne Gondouin, Anas Medhaoui, Jean Francois Cordier, Dominique Valeyre, Bernard Grandchamp, Caroline Karangiessier, Bruno Crestani, Speaker to be confirmed</td>
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<tr>
<td>12:15</td>
<td><strong>Metabolic shift during TGF-β-induced collagen synthesis</strong></td>
<td>Brintha Selvarajah, Ilan Azuelos, Ellen Forty, Manuela Plate, Dimitris Anastasiou, Paul Mercer, Rachel Chambers, Speaker to be confirmed</td>
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**Oral Presentation: New therapies and therapeutic targets**

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<tr>
<th>Time</th>
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<tr>
<td>10:45</td>
<td><strong>LSC Abstract – Systemic and local metabolomics profiling reveals novel insights into the progression of emphysema</strong></td>
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<td>Thomas Conlon, Jörg Bartel, Cornelia Prehn, Jan Krumskie, Fabian Theis, Jerzy Adamski, Oliver Eickelberg, Ali Onder Yildirim, Speaker to be confirmed</td>
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<tr>
<td>11:00</td>
<td><strong>LSC Abstract – Peripheral blood myeloid-derived suppressor cells reflect disease status in IPF</strong></td>
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<td>Isis Enil Fernandez, Flavia Greiffo, Marion Frankenberger, Katharina Heinzelmann, Claus Neurohr, Rudolf Hatz, Jürgen Behr, Oliver Eickelberg, Speaker to be confirmed</td>
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<tr>
<td>11:15</td>
<td><strong>LSC Abstract – Network analysis of induced pluripotent stem cells secretome reveals its anti fibrotic action in rat lung injury model</strong></td>
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<td>Cedric Simillion, Luca Tamo, Remy Bruggmann, Anis Feki, Antje Prasse, Amiq Gazdhar, Thomas Geiser, Speaker to be confirmed</td>
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<tr>
<td>11:30</td>
<td><strong>LSC Abstract – Effects of vitamin D supplementation on perioperative markers of inflammation in patients at risk of acute respiratory distress syndrome (ARDS)</strong></td>
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<td>Rachel Dancer, Dhruv Parekh, David Thickett, Speaker to be confirmed</td>
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<tr>
<td>11:45</td>
<td><strong>Reduced MicroRNA-19a causes constitutive high expression of PRMT1 and remodeling in asthma</strong></td>
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<td>Qingzhu Sun, Duiana Datiana Stolz, Michael Tamm, Shemin Lu, Michael Roth, Speaker to be confirmed</td>
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<td>12:00</td>
<td><strong>Redefining the asthma treatment paradigm using a locally administered dual PI3Kgd inhibitor</strong></td>
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<td>Matt Thomas, Peter Bold, Karin Bjorhall, Andrew Butler, Johan Carlsson, Paulina Cygan, Maria Karlsson, Helena Lindmark, Rose Maciewicz, Mickael Mogemark, Vikki Morrison, Maria Nordberg, Matthew Perry, Sandra Rodrigo Blomqvist, Carla Winkler, Carl Goodyear, Costas Karabelas, Speaker to be confirmed</td>
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<tr>
<td>12:15</td>
<td><strong>NDP52 inhibition rescues cigarette smoke mediated impairment of autophagy in macrophages</strong></td>
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<td>Yuta Kono, Nicolas Mercado, Kazuhiro Ito, Peter Barnes, Thomas Colley, Speaker to be confirmed</td>
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**Oral Presentation: Repair pathways from lung development to aging of the lung**

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<tr>
<td>10:45</td>
<td><strong>LSC Abstract – Platelet-derived growth factor receptor (PDGFR) signaling involvement in alveolar secondary septation</strong></td>
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<td>Leonor Gouveia, Christe Betsholtz, Johanna Andrae, Speaker to be confirmed</td>
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<td>11:00</td>
<td><strong>A role for microRNA-29c in arrested alveolarisation associated with experimental bronchopulmonary dysplasia</strong></td>
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<td>David Surate Solaligue, Diogo Silva, Werner Seeger, Rory Morty, Speaker to be confirmed</td>
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<td>11:15</td>
<td><strong>The role of transglutaminase 2 in normal and aberrant late lung development</strong></td>
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<td>Ivana Mizikova, Diogo Silva, Werner Seeger, Rory Morty, Speaker to be confirmed</td>
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<tr>
<td>11:30</td>
<td><strong>Mesenchyme associated transcription factor PRRX1: A key regulator of IPF fibroblast</strong></td>
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<td>Antoine Fridoire, Emmeline Marchal-Duval, Mada Ghanem, Laura Gerish, Madeleine Jailet, Bruno Crestani, Arnaud Maillieux, Speaker to be confirmed</td>
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<tr>
<td>11:45</td>
<td><strong>LSC Abstract – Enhanced expression of alarmins in pulmonary hypertension and fibrosis</strong></td>
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<td>Aleksandar Petrovic, Jan Niklas Schneider, Magorzata Wygrecka, Oleg Pak, Elie El Agha, Norbert Wiesmann, Saverio Belluscio, Djuro Kosanovic, Ralph Theo Schermuly, Speaker to be confirmed</td>
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<tr>
<td>12:00</td>
<td><strong>LSC Abstract – Investigating SOCS-mediated regulation of STAT signalling in idiopathic pulmonary fibrosis (IPF)</strong></td>
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<td>Cecilia Prele, Thomas Iosifidis, Robin McAnulty, Bahareh Badrian, Sarra Jamieson, David Pearce, Matthias Ernst, Philip Thompson, Geoffrey Laurent, Darryl Knight, Steven Mutsaers, Speaker to be confirmed</td>
</tr>
</tbody>
</table>
ATF3 regulates PINK1 transcription in lung epithelial cells of the aging lung
Marta Bueno, Judith Brands, Rama K. Mallampalli, Ana L. Mora, Speaker to be confirmed

TLR4 and NOD1 increase in stable COPD of increasing severity. Relationship with tissutal bacterial load
Antonino Di Stefano, Fabio L.M. Ricciardolo, Davide Vallese, Isabella Gnemmi, Valentina Sorbello, Paola Brun, Armando Capelli, Francesco Cappello, Bruno Balbi, Speaker to be confirmed

Exhaled NO (F<sub>E</sub>NO<sub>50</sub>) in COPD - Results from the TIE-study
Alexandra Thornadsson, Jens Ellingsen, Johanna Sulku, Regina Bendrik, Björn Stålberg, Karin Lisspers, Christoffer Jansson, Andrei Malinovschi, Marieann Höman, TIE Study Group, Speaker to be confirmed

Serum SP-A and SP-D levels in patients admitted to the hospital with acute COPD exacerbation
Andriana Papaioannou, Elissavet Konstantelou, Anastasia Papaportyriou, Konstantinos Bartziokas, Aris Spithas, Petros Karakitsios, Petros Bakakos, Stelios Loukides, Nikolaos Koukouris, Spyros Papiris, Konstantinos Kostikas, Speaker to be confirmed

Simultaneously increased serum periostin and urinary EDN relates to reduced lung function in adults with asthma from the Swedish GA2LEN study
Andrei Malinovschi, Christoffer Janson, Anna James, Ida Mogensen, Bertil Forsberg, Junya Ono, Shoichiro Ohta, Kjell Alving, Kenji Izuhara, Sven-Erik Dahlen, Speaker to be confirmed

Elevated concentrations of CXCL8 in the nasal mucosal lining fluid of COPD patients as an accessible surrogate measure of bronchial levels
Craig Batista, Megan McIntosh, Trevor Hansel, Louise Donnelly, Peter Barnes, Speaker to be confirmed

Eosinophilic inflammation amplifies the prednisolone-induced prothrombotic state in asthma
Christof J. Majoor, Marlous S. Sneebø, Anne de Kievet, Joost C.M. Meijers, Tom van der Poll, Rene Lutter, Pieter Willem Kamphuisen, Elisabeth H. Bel, Speaker to be confirmed

Long term effect of cleaning on lung function decline among women in the ECRHS study
Oistein Svanes, Randi Jacobsen Bertelsen, Stein Haakstad Lygre, Josep Maria Antó Boqué, Anne Elie Carsin, Manolis Kogevinas, Benedicte Leynaert, Theodore Lytras, Maria Mirabelli, Jesús Moratalla, Nicole Le Moual, Dan Norbäck, Mario Olivieri, Vivi Schlünsen, Trude Duvalien Skorge, Jan-Paul Zock, Cecílie Svanæs, Speaker to be confirmed

‘Hotspots’ of livestock farms may influence lung function of neighboring residents
Floor Borlé, C. Joris Yzermans, Bernadette Aalders, Jos Rooijackers, Esmeralda Krop, Kitty Maassen, Francois Schellevis, Dick Heederik, Lidwien A.M. Smit, Speaker to be confirmed

Mortality due to IPF and mesothelioma in Europe - A link with historic asbestos use?
Christopher Barber, Ruth Wiggans, David Fishwick, Speaker to be confirmed

Silicosis in Dutch construction workers
Jos M. Rooijackers, Erik Stigter, Mischa Niederer, Pim A. de Jong, Bernadette Aalders, Ans van Geutselaar, Dick Heederik, Speaker to be confirmed

Respiratory mortality risks in England and Wales associated with air pollution exposures up to 38 years previously
Anna Hansell, Rebecca Ghosh, Marta Blangiardo, Chloe Perkins, Danielle Vienneau, Kayoung Goffe, David Briggs, John Gulliver, Speaker to be confirmed

Respiratory effects of vehicle exhaust ultrafine particles versus secondary ultrafine particles in ambient air
Aurelio Tobias, Cristina Reche, Noemi Perez, Xavier Querol, Speaker to be confirmed
12:15
Respiratory medication sales and urban air pollution in Brussels (2005 to 2011)
An Van Nieuwenhuyse, Koen Simons, Tim S. Nawrot, Olivier Brasseur, Priscilla Declerck, Ronald Buyl, Danny Coomans, Benoit Nemery, Lidia Casas, Speaker to be confirmed

10:45 - 12:45
Oral Presentation: Mesothelioma and pleural disease: from bench to bedside
Chairs:

10:45
Biological markers of successful pleurodesis for malignant pleural effusion
Ioannis Psallidas, Nikolaos Kanellakis, Marie-Laetitia Tzenezas, Philip Charles, John Corcoran, Rob Hallifax, Ambika Talwar, Ahmed Youssuf, John Wrightson, Ian Pavord, Climent Casals Pascual, Benedikt Kessler, Najib Rahman, Speaker to be confirmed

11:00
Role of tumor derived versican in experimental malignant pleural mesothelioma
Apostolos Pappas, Sofia Magkouta, Maria Vazakidou, Ioannis Kalomenidis, Speaker to be confirmed

11:15
A conditional mouse model of malignant pleural mesothelioma
Anthi Krontira, Malamati Vreka, Marianthi Iliopoulou, Ioannis Lilis, Theodora Agalioti, Nicoleta Spiropoulou, Georgia Giotopoulou, Yuval Rinkevich, Magda Spella, Georgios Stathopoulos, Antonia Marazioti, Speaker to be confirmed

11:30
Folic acid phenotype (FAP) as superior marker to predict pemetrexed response in pleural mesothelioma
Robert Fred Henry Walter, Claudia Vollbrecht, Daniel Christian Christoph, Kurt Werner Schmid, Jens Kollmeier, Helmut Hans Popper, Thomas Mairinger, Fabian Mairinger, Speaker to be confirmed

11:45
Breath analysis by gas chromatography-mass spectrometry can be used to screen for pleural mesothelioma
Kevin Lamote, Joris Van Cleemput, Kristaana Nackaerts, Lore Vandermeersch, Herman Van Langenhove, Jan P. van Meerbeck, Speaker to be confirmed

12:00
Long-term outcome of patients with non-specific pleuritis on thoracoscopic or ultrasound-guided pleural biopsies
John Corcoran, Ioannis Psallidas, Robert Hallifax, Ambika Talwar, Ahmed Youssuf, John Wrightson, Najib Rahman, Speaker to be confirmed

12:15
Retrospective review of VATS (Pleural) negative biopsy and their outcome in a university hospital
Abdisamad Ali, Mohammed Haris, Nadeem Maddekar, Shiva Bimalla, Lea Adam, Shilajit Ghosh, Abid Qamar, Chris Satur, Shahul Leyakathali Khan, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Clinical characteristics in asthma
Chairs:

A case diagnosis ACOS with omelizumab treatment
Bilge Salik, Berna Komurcuoglu, Enver Yalniz, Speaker to be confirmed

Assessment of the bioequivalence of two DPIs containing fluticasone and salmeterol, in patients with controlled or partly controlled asthma
Katerina Athanassiou, Luigi Silvestro, Simona Rizea Savu, Speaker to be confirmed

Does in parents and grandparents smoking attitude have influence to asthma appearance in children? Evaluation on asthma prevalence in two ethnic groups in Macedonia
Zoran Stojanovski, Ivana Babalj-Veljanovski, Bojan Janackov, Olgica Kuzarevska_Blazevska, Speaker to be confirmed

Predicting inhaler technique maintenance: An art or a science?
Sinha Bosnic-Anticevich, Elizabeth Azzi, Pamela Srour, Carol Armour, Cynthia Rand, Speaker to be confirmed

Asthma diagnosis in children with community-acquired pneumonia: New challenges
Zoia Nestenenko, Speaker to be confirmed

LDL and HDL level in asthmatic and non-asthmatic Roma adults
Zoran Stojanovski, Ivana Babalj Veljanovski, Bojan Janackov, Speaker to be confirmed

The asthma-COPD overlap syndrome: A comparison of asthma outcomes in smoking vs non-smoking patients with incompletely reversible airway obstruction (IRA O)
Marie-Eve Boulay, Joanne Milot, Johane Lepage, Francois Maltais, Louis-Philippe Boulet, Speaker to be confirmed
LSC Abstract – Changes of peripheral blood eosinophil activity during allergen-induced late-phase airway inflammation in asthma
Ieva Janulaityte, Simona Lavinskiene, Deimante Hoppenot, Kestutis Malakauskas, Raimundas Sakalauskas, Speaker to be confirmed

Sublingual immunotherapy among patients, suffering from allergic rhinitis
Nataly Tataurshchikova, Speaker to be confirmed

Effects of low level laser therapy in experimental model of asthma induced by house dust mite
Erasmio Assumpção Neto, Nicole C. Rigonato-Oliveira, Aurileia A. Brito, Luana B. Vitoretti, Gabriel Moraes, Renata K. Palma, Rodolfo P. Vieira, Ana Paula Ligeiro-Oliveira, Speaker to be confirmed

Real-life effectiveness of budesonide/formoterol for the management of asthma and COPD
Hicham Benhaddi, Marianka Van Der Tol, David Price, Bakhtiyor Khalikulov, Rinat Ariely, Speaker to be confirmed

E-selectin as a prognostic factor of patients who hospitalized for respiratory inflammation diseases; a single institutional study
Masamichi Sato, Yoko Shibata, Sumito Inoue, Akira Igarashi, Yoshikane Tokairin, Tomomi Kimura, Keiko Yamauchi, Takako Nemoto, Kento Sato, Hiroshi Nakano, Takahito Yagishahi, Isao Kubota, Speaker to be confirmed

Dysfunctional breathing in asthma is associated with poor asthma control after specialist management
Sandra Veidal, Asger Sverrild, Vibeke Backer, Celeste Porsbjerg, Speaker to be confirmed

Comparison of the quality of life in asthma and COPD patients with increased BMI
Zoran Stojanovski, Bojan Janackov, Ivana Babalj Veljanovski, Speaker to be confirmed

The effectiveness of patient education to improve adherence to the asthma treatment
Larisa V. Bogovin, Juliy M. Perelman, Victor P. Kolosov, Anastasiya S. Shabanova, Speaker to be confirmed

LSC Abstract – Eosinophils enhance WNT-5a and TGF-1 genes expression in airway smooth muscle cells and promote their proliferation in asthma
Andrius Januskevicius, Simona Lavinskiene, Reinoud Gosens, Ieva Janulaityte, Deimante Hoppenot, Raimundas Sakalauskas, Kestutis Malakauskas, Speaker to be confirmed

BMI and PFM in COPD and asthma subjects
Ivana Babalj Veljanovski, Zoran Stojanovski, Goran Andonovski, Bojan Janackov, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Features and impact of comorbidities in COPD

Comorbidities and body mass index in subjects with chronic obstructive pulmonary disease
Dejana Vukovic, Ljudmila Nagorni Obradovic, Speaker to be confirmed

Frequency and characteristics of metabolic syndrome in patients with chronic obstructive pulmonary disease
Tatjana Vujic, Ljudmila Nagorni Obradovic, Gorica Maric, Ivana Vukanic, Jelena Jankovic, Milica Arsic, Speaker to be confirmed

Metabolic regulation during the co-existence of COPD and DM type2
Elene Sherozia, Liza Peirkishvili, Lali Nikoleishvili, Tamar Kakhniashvili, Speaker to be confirmed

The relationship between the severity of obstructive sleep apnea syndrome and severity of chronic obstructive pulmonary disease (COPD) associated with coronary artery disease (CAD)
Iuliia Kharchenko, Olena Krahmalova, Olena Izmailova, Speaker to be confirmed

Features of clinical cours of obstructive pulmonary disease and ischemic heart disease in case of comorbidity
Daria Didenko, Lesya Rasputina, Yuriy Mostovoy, Nataliya Cherepii, Speaker to be confirmed

Chronic obstructive pulmonary disease assessment test (CAT) in patients with COPD, chronic heart failure (CHF), and both
Sara Roversi, Bianca Beghé, Valentina Ruggieri, Martina Garofalo, Alessia Verduri, Sara Balduzzi, Michela Schito, Leonardo Michele Fabbri, Enrico Clini, Piera Boschetto, Speaker to be confirmed

Effect of weight loss on COPD-associated comorbidities in obese COPD
Netsanet Negewo, Peter Gibson, Lisa Wood, Katherine Baines, Vanessa McDonald, Speaker to be confirmed
Bone attenuation on chest computed tomography correlates with bone mineral density on densitometry in patients with emphysema and COPD
Jessica Gonzalez Gutierrez, Pilar Rivera Ortega, Patricia Restituto, Nerea Varo, Inmaculada Colina, Amparo Calleja, Macarena Rodriguez, Gorka Mastarrika, Ana Belen Alcaide, Arantzta Campo, Javier Zulueta, Juan Pablo De Torres, Speaker to be confirmed

Hypoxia in flight simulation in obese patients with or without COPD
Christina Priegnitz, Marcel Treml, Norbert Anduleit, Matthias Putzke, Jürgen Wenzel, Winfried J. Randerath, Speaker to be confirmed

Impact of comorbidities in COPD prognostic scores
Amaia Aramburu Ojembarrena, Inmaculada Arostegui, Txomin Zabala, Amaia Garcia, Irantzu Barrio, Francisco Javier Moraza, Ane Uranga, Alberto Capelastegui, Cristobal Esteban, Speaker to be confirmed

Effect of auto-CPAP therapy on parameters of rhinomanometry in patients with COPD combined with OSAHS
Ksenia Nazarenko, Yuri Feschenko, Liudmyla Iashyna, Viktoria Ignatieva, Svitlana Opimah, Svitlana Moskalenko, Natalia Diachenko, Speaker to be confirmed

Diabetes and hospitalization for COPD exacerbation
Michele Porzio, Hany El Khoury, Alhassane Barry Mamadou, Matthieu Canuet, Laurence Kessler, Romain Kessler, Speaker to be confirmed

Top-10 comorbidities of symptomatic patients with moderate COPD in the clinical setting of the CRYSTAL study
Andreas Clemens, Claus Vogelmeier, Timm Greulich, Jose M. Marin, Walter Castellani, Thomas Similowski, Vincent Ninane, Mina Gaga, Stephen Lane, Maryam Aalamian-Matheis, Xavier Nunez, Konstantinos Kostikas, Speaker to be confirmed

Morphological markers of resistance bronchial mucosa of smokers to the development of COPD
Ivan Kremis, Ekaterina Bukreeva, Elena Gereng, Speaker to be confirmed

Statistical analysis of anthropometric differences between COPD stages 1 and 2
Stefan A. Mihaicuta, Mihai Udrescu, Izabella-Anita Toth, Lucretia Udrescu, Iosif Marinuc, Speaker to be confirmed

COPD: Plasma surfactant protein-D (SPD) concentration as a predictor of acute exacerbations (AE) probability
Kateryna Gashynova, Speaker to be confirmed

The severity of anxiety in COPD patients (pts)
Yuliia Huba, Lyudmyla Konopkina, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: From pleura to bronchi: new insights

Chairs:

Postoperative pleural effusions after orthotopic heart transplantation: The etiology, clinical manifestations and course
Gaye Ulubay, Elif Kupeli, Ozlem Salman Sever, Balam Er, Atila Sezgin, Speaker to be confirmed

Diagnostic value of pleural fluid (PF) biochemistry and cytology in an infection-dominant setting: a survey from Kandy, Sri Lanka
Dushantha Madagedara, Asanka Rajapakse, Duminda Yasaratne, Speaker to be confirmed

Chylothorax following posterior cervical decompression – A rare & unusual complication
Dayle Terrington, Shiva Murugan-Sukumar, Lubna Nishath, Arun Arya, Speaker to be confirmed

Evaluation of pleural fluid total protein, albumin, globulin levels and albumin/globulin ratios in the differential diagnosis of pleural effusions
Seyfettin Gumus, Hatice Kaya, Tuncer Ozkisa, Ufuk Turhan, Mehmet Aydogan, Omer Deniz, Ergun Tozkoparan, Speaker to be confirmed

An audit of the management of spontaneous pneumothorax (SP) at a UK hospital
Divya Vatish, Anshu Bhowmik, Raj K. Rajakulasingam, Speaker to be confirmed

Randomized comparison of needle aspiration and chest tube drainage in spontaneous pneumothorax
Andreas Thelle, Miriam Gjerdevik, Malcolm SueChu, Ole Magnus Hagen, Per Bakke, Speaker to be confirmed
An oversight of bulla is still not causal factor that can be ignored: The pneumothorax recurrence after thoracoscopy surgery
Masao Naruke, Speaker to be confirmed

Treatment of a spontaneous primary pneumothorax (SPP) in a large teaching hospital
Ben Tomlow, Bart Goutier, Wim Boersma, Speaker to be confirmed

The clinical and epidemiological features of pneumonia in young men in organized collectives
Tatiana Bilichenko, Marina Raicheva, Speaker to be confirmed

Demographics and characteristics of antibiotic use in non-cystic fibrosis bronchiectasis patients
Sule Gül, Elif Yelda Nişarlıoğlu, Mehmet Atilla Uysal, Elif Tanriverdio, Speaker to be confirmed

Prevalence and incidence of bronchiectasis in Catalonia in 2012
Miriam Barrecheguren Fernandez, Monica Montagneudo, Teresa Rodriguez, Pere Simonet, Marc Miravitlles, Speaker to be confirmed

The emotional state of individuals with chronic bronchitis living in the arctic region of Yamal-Nenets autonomous district
Tatiana Popova, Andrei Popov, Andrei Lobanov, Irina Gagarinova, Speaker to be confirmed

Translation of the bronchiectasis health questionnaire (BHQ) using validated methods
Natalie Williams, Arietta Spinou, Rachel Garrod, Richard Siegert, Gianluca Cotta, Akio Niimi, Lieven Dupont, Wei-jie Guan, Stefan Tino Kulnick, Amadea Heitmann, Catherine Acquadro, Surinder S. Birring, Speaker to be confirmed

Aetiology of bronchiectasis: Evaluation of 319 adult patients with bronchiectasis
Sermin Börekçi, Benan Musellim, Speaker to be confirmed

The effect of transition from a paediatric to adult cystic fibrosis (CF) centre on clinical status and hospital attendance
Rachel Collins, Chris O’Dea, Adelaide Withers, Michelle Trevenen, William Noffsinger, Gerard Ryan, Siobhain Mulreman, Speaker to be confirmed

A pediatric case of CCNO associated congenital mucociliary disease - A novel entity in primary ciliary dyskinesia
Martin Wetze, Christine Happle, C. Bultmann, Gesine Hansen, Nicolaus Schwerk, Speaker to be confirmed

Poor periodontal health is associated with airways obstruction
Antonio Perez, Cecilie Svanes, Francisco Gomez Real, Ana Tauste, Janicke Iglend, Anne Nordrehaug Åmstrøm, Speaker to be confirmed

Lung function in HIV infected adolescents on antiretroviral therapy in Cape Town, South Africa
Leah Githinji, Diane Gray, Sipho Hlengwa, Heather Zar, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Latest insights in pulmonary rehabilitation

Chairs:

Comparison of two questionnaires CAT and MRF 26 to assess the effect of pulmonary rehabilitation on health status in COPD patients with chronic respiratory failure
Francesca Gibellino, Laura Mammana, Annalisa Rodò, Speaker to be confirmed

Evolution of the psychometric dimensions of the VQ11 questionnaire in COPD patients undergoing a pulmonary rehabilitation program (PRP). Results from the French cohort Rehaseffort from IRSR des Pays de Loire
Arnaud Chambellan, Hakima Ouksel, Marc Le Vaillant, Laurence Nourry, Agnès Martin, Sandie Grelier, Speaker to be confirmed

Health locus of control in pulmonary rehabilitation (PR) of severe COPD patients
Guido Vagheggini, Francesca Moretti, Vanessa Cianchi, Daniele Berrighi, Anna Zito, Domitilla Gallinari, Adriano Di Paco, Nicolino Ambrosino, Speaker to be confirmed

Comparisons of walking-based training techniques in COPD
Luca Pomidorì, Michele Felisatti, Martina Terranova, Enrico Pozzo, Marco Contoli, Speaker to be confirmed

Pulmonary rehabilitation appropriateness triage in chronic respiratory diseases
Michele Vitacca, Marilena Barbisoni, Laura Comini, Gloria Francolini, Mara Paneroni, Speaker to be confirmed
Exercise prescription and progression in Canadian pulmonary rehabilitation programs
Gail Dechman, Paul Hernandez, Pat Camp, Speaker to be confirmed

Organization and content of pulmonary rehabilitation programs (PRP) in Italy: A national survey
Bruno Balbi, Davide Vallese, Michele Vitacca, Speaker to be confirmed

The effectiveness of long term physical therapy in elderly patients with chronic obstructive pulmonary disease
Antoaneta Dimitrova, Daniela Lubenova, Kristin Grigorova-Petrova, Ivan Maznev, Milena Nikolova, Speaker to be confirmed

Pulmonary rehabilitation does not affect systemic inflammation in chronic obstructive pulmonary disease
Anabel Sciriha, Stephen Lungaro-Mifsud, AnneMarie Bonello, Tonio Agius, Josianne Scerri, Bridget Ellul, Anthony Fenech, Liberato Camilleri, Stephen Montefort, Speaker to be confirmed

Nutritive rehabilitation of COPD patients
Leyla Ergeshova, Speaker to be confirmed

Effectiveness of pulmonary rehabilitation in different COPD stages
Maria Kerti, Zsuzsanna Balogh, Krisztina Kelemen, Janos Varga, Speaker to be confirmed

Pulmonary rehabilitation: Is it feasible and beneficial in mild COPD?
Cristina Jácome, Alda Marques, Speaker to be confirmed

Differences in anxiety and depression according to gender in patients with chronic obstructive pulmonary disease submitted to a pulmonary rehabilitation program
Mónica Silveira Lapa, Cecilia Melo Rosa Tavares, Selma Denis Squassoni, Nadine Cristina Machado, Luciene Costa Bortolassi, Juliana Nascimento Oliveira, Priscila Kessar Cordoni, Elie Fiss, Speaker to be confirmed

Effectiveness of a structural exercise program on six minutes walk distance in patients with stage 3 and 4 sarcoidosis- A randomized control trial
Ilknur Naz, Sevgi Ozalevli, Serir Ozkan, Hulya Sahin, Speaker to be confirmed

Disease effect on psychological burden in patients attending pulmonary rehabilitation
Latinka Basara, Tajana Julasic Glunc, Andrea Vukic Dugac, Ana Hecimovic, Marko Jakopovic, Miroslav Samarzija, Speaker to be confirmed

New interactive 3D visualization technique used in pulmonary rehabilitation programme in COPD, a randomized controlled study
Pernilla Sönerfors, Anna Karin Nordin, Alexandra Halvarsson, Gun Faager, Ulrika Einarssson, Speaker to be confirmed

Pulmonary rehabilitation of lung transplant candidates in Hungary
Krisztina Kelemen, Anikó Bohács, Krisztina Czebe, Judit Petró, Maria Kerti, Zsuzsanna Balogh, Eszter Csiszer, György Lang, János Tamás Varga, Speaker to be confirmed

Factors influencing pulmonary rehabilitation adherence - Surely is not simple
Rita Daniela Peixoto Bouventura, Leonor Meira, Vanessa Santos, Isabel Gomes, Luis Gaspar, Paula Martins, Emília Araujo, Paulo Viana, Speaker to be confirmed

New device used in COPD rehabilitation: TrainAir system
Camelia Pescaru, Cristian Oancea, Emanuela Tudorache, Speaker to be confirmed

Loneliness as a predictor of health status and rehabilitation success in patients with COPD
Andreas von Leupoldt, Thomas Rejnders, Michael Schuler, Michael Wittmann, Danijel Jelusic, Konrad Schultz, Sibylle Petersen, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: Latest insights in functional capacity and muscle weakness in chronic lung diseases

The effects of inspiratory resistive loading on respiratory and locomotors muscle oxygenation during high intensity exercise in female soccer players
Flavia Cristina Rossi Caruso, Bruno Archiza, Daniela Kuguimoto Andaku Olenscki, Renata Trimer, Stella Mattiello, Cleiton Libardi, André Capaldo Amaral, José Carlos Bonjorno-Junior, Claudio Ricardo de Oliveira, Shane A. Phillips, Ross Arena, Jose Alberto Neder, Audrey Borghi-Silva, Speaker to be confirmed
The anti-inflammatory effects of aerobic exercise in asthma is mediated by purinergic signaling
Manoel Carneiro de Oliveira Jr, Alana dos Santos Dias, Nicole Cristine Rigonato Oliveira, Aurilé ia Aparecida Brito, Erasmo Assumpç à o Neto, Elias El Mafarjeh, Nilza Regina Damaceno Rodrigues, Marco Idzko, Ana Paula Ligeiro de Oliveira, Rodolfo de Paula Vieira, Speaker to be confirmed

Utility of the total step count during the 6-minute walk test in COPD
Akito Yamamoto, Tatsuke Akamatsu, Yuko Tanaka, Hirofumi Watanabe, Yoshinari Endo, Yukiko Shimoda, Takahiro Suzuki, Ichiro Hayashi, Shogo Sakurai, Mika Suigusa, Yuichiro Shishido, Takefumi Akita, Satoru Morita, Kazuhiro Asada, Toshihiro Shirai, Speaker to be confirmed

Aerobic exercise reduces asthma phenotype by inhibition of JAK2, SOCS3 and STAT6 in airway epithelium and in peribronchial leukocytes

Evaluation of the 6-minute walk test’s learning effect in a respiratory rehabilitation setting
Filipa Ramalho Fernandes, João Parreira, Gonç alo Samouco, Margarida Maurício, Luís Rodrigues, Speaker to be confirmed

Abdominal functional electrical stimulation training to improve peak cough flow
Yukako Okuno, Sayuri Horikawa, Hirotaka Ohse, Kazuhide Tomita, Speaker to be confirmed

The efficacy of moderate-intensity and short-duration inspiratory muscle training for elderly patients with COPD
Kazuki Okura, Atsuyoshi Kawagoshi, Kazuyuki Shibata, Masahiro Iwakura, Keiyu Sugawara, Hitomi Takahashi, Takeshi Kashiwagura, Mitsunobu Homma, Masahiro Satake, Takanobu Shiroya, Speaker to be confirmed

Routine IMT within COPD Rehabilitation (RIMTCORE-RCT): Are there subgroups with clinical benefits?
Konrad Schultz, Danijel Jelusic, Michael Wittmann, Veronika Huber, Benjamin Krämer, Sebastian Fuchs, Silke Wingart, Nicola Leebhert, Michael Schulier, Speaker to be confirmed

Evaluation of anti-aging klotho protein in COPD rehabilitation
Judit Pákos, Imre Barta, Zsuzsanna Balogh, Má ria Kerti, Orsolya Drozdovszky, Ildikó Horváth, Já nos Varga, Speaker to be confirmed

Cardiometabolic benefit of exercise training in obese OSA: Respective impact of non-invasive ventilation and respiratory muscle training in a randomized controlled trial
Isabelle Vivotdzew, Renaud Tamisier, Marilie Croteau, Angélique Grangier, Jean-Christian Borel, Anne-Laure Borel, Bernard Wuyam, Patrick Levy, Caroline Minville, Frédéric Séries, François Maltais, Jean-Louis Pépin, Speaker to be confirmed

Dynamic hyperinflation is not the main limiting factor during exercise in obese asthmatics
Celso Fernandes de Carvalho, Paliria Gabriele Ferreira, Patricia Duarte Freitas, Aline Grandi Silva, Rafael Stelmach, Alberto Cukier, Frederico Leon Arrabal Fernandes, Milton Arruda Martins, Speaker to be confirmed

Challenges for exercise therapy for severe asthma: A healthcare professional perspective
Stacey Hewitt, Lindsay Apps, Nicky Hudson, Murphy Anna, Peter Bradding, Ruth Green, Sally Singh, Rachael Evans, Speaker to be confirmed

Quality of resistance training description in COPD trials: Study protocol for a systematic review
Bennie Westra, G. Sander de Wolf, Monique Legemaat, André Nyberg, Eline Bij de Vaate, Faridi van Etten-Jamaludin, Peter Klijn, Speaker to be confirmed

A systematic review and meta-analysis of the effect of dual versus mono- long-acting bronchodilator therapy on exercise endurance in COPD
Bhavesh Popat, Sally Majd, Michael Steiner, Charlotte Bolton, Rachael Evans, Speaker to be confirmed

Influence of body mass index on exercise capacity in pulmonary rehabilitation
Tajana Jalousic Gluncic, Latinka Basara, Ana Hecimovic, Andrea Vukic Dugac, Marko Jakopovic, Miroslav Samarjaz, Speaker to be confirmed

Changes in exercise capacity in patients with chronic respiratory diseases after pulmonary rehabilitation
Rita Daniela Peixoto Boaventura, Leonor Meira, Vanessa Santos, Isabel Gomes, Luis Gaspar, Paula Martins, Emilia Araujo, Paulo Viana, Speaker to be confirmed
12:50 - 14:40

Thematic Poster: Best abstracts in COPD management

**Chairs:**

**What should be part of a comprehensive assessment of COPD?**  
Edmé van den Akker, Erwin Birnie, Alex J. van ‘t Hul, Niels H. Chavannes, Maureen P.M.H. Rutten-van Mölken, Johannes C.C.M. In’t Veen, Speaker to be confirmed

**Do-not-resuscitate orders as part of advanced care planning in COPD patients**  
Jo Raskin, Pascal Van Bleyenbergh, Natalie Lorent, Wim Janssens, Speaker to be confirmed

**Hand held fans for dyspnoea relief in COPD: Physical properties and patient perceptions**  
Tracy Smith, Jin-Gun Cho, Mary Robert, John Wheatlry, Speaker to be confirmed

**Evaluating a new method of recruitment for participants with chronic obstructive pulmonary disease who have previously declined pulmonary rehabilitation**  
Claire Davey, Matthew Hair, Lucinda Longwill, Emma Cassidy, Jane Simpson, Speaker to be confirmed

**Change in lung function and CT lung density in alpha1 antitrypsin deficiency patients under augmentation therapy**  
António Paulo Oliveira Gonçalves Lopes, Carolina Cabo, Antonio Fernandes, Maria Alcide Marques, Sara Elizabete Freitas, Speaker to be confirmed

**Innovative approach to COPD improves disease impact, quality of life and reduces hospital admissions in Glasgow**  
Marianne Milligan, Suzanne Marshall, Rohima Begum, David Anderson, Speaker to be confirmed

**Exploring the association between psychological distress and dyspnea in COPD**  
Ingeborg Farver-Vestergaard, Anders Løkke Ottesen, Elisabeth Bendstrup, Maja O’Connor, Robert Zachariae, Speaker to be confirmed

**Evaluation of an ‘emotions and breathlessness’ session within a pulmonary rehabilitation programme**  
Emma Cassidy, Michael Yates, Jane Simpson, Speaker to be confirmed

**Are COPD patients with chronic dyspnea and attending pulmonary rehabilitation treated with dual bronchodilatation or not?**  
Mimi Thyregod, Uffe Bødtger, Speaker to be confirmed

**Integrated disease management (IDM) intervention for COPD patients has long-term effects on patient activation**  
Elena Valerevna Titova, Synnøve Sunde, Sigurd Steinshamn, Anne Hildur Henriksen, Speaker to be confirmed

**Information exchange between primary care (PC) and secondary care (SC): What is considered important in COPD?**  
Edmé van den Akker, Erwin Birnie, Alex J. van’t Hul, Niels H. Chavannes, Maureen P.M.H. Rutten-van Mölken, Johannes C.C.M. In’t Veen, Speaker to be confirmed

**Australia-modified Karnofsky performance scale in patients with COPD and lung cancer patients: A pooled data analysis**  
Carlo Barbetta, Matthew Maddocks, Catarina Ribeiro, Andrew Wilcock, David Currow, Alberto Papi, Jane Phillips, Victoria Allgar, Miriam J. Johnson, Speaker to be confirmed

**Loneliness and lack of social support severely influences patients’ quality of life. Secondary findings from our focusgroup study in asthma and COPD patients**  
Esther Metting, Thys van der Molen, Janwillem Kocks, Speaker to be confirmed

**Are there any differences between Tunisian and European COPD phenotypes?**  
Khadija Ayed, Hamida Kwas, Ines Zendah, Amel Khattab, Saloua Ben Khamsa, Habib Ghedira, Speaker to be confirmed

**Predictive factors of mortality in patients with chronic respiratory failure**  
Nadia Keskes, Leila Bousseffara, Habib Khalili, Ali Adhieb, Raouia Ouaja, Jalel Knani, Speaker to be confirmed

**Profile of serum vitamin D levels in stable COPD patients**  
Maria da Penha Uchoa Sales, Raul Fava Alencar, Eaines Delgoberto B Pererira, Isabella Melo Matos, Speaker to be confirmed
Outcomes from an integrated respiratory and palliative care service at an Australian teaching hospital
Natasha Smallwood, Michelle Thompson, Kim Yeoh, Louis Irving, Jennifer Philip, Brian Le, Speaker to be confirmed

The development of my breathing matters: A digital intervention to improve patient self-management of asthma
Ben Ainsworth, Anne Bruton, Lucy Yardley, Mike Thomas, Speaker to be confirmed

Quality of life of parents with children on home ventilation and long term oxygen therapy
Nizam Malik Bali Mahomed, Bilkis Abd. Aziz, Mohd. Rizal Abd. Manaf, Norzila Mohamed Zainudin, Speaker to be confirmed

Psychosomatic disorders correction in COPD patients
Yanina Galetskayte, Svetlana Ovcharenko, Beatrice Volel, Dmitriy Pushkarev, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Imaging Of COPD and airways, structural and functional assessment

Chairs:

Bronchiectasis in patients with alpha1-antitrypsin deficiency: prevalence and characteristics
Rosaria Cortese, Maria Chiara Mennitti, Francesca Mariani, Davide Piloni, Stefano Aliberti, Stefania Ottaviani, Ilaria Ferrarotti, Angelo Corsico, Speaker to be confirmed

Determination of mild emphysema on computed tomography and chest X-ray
Reza Karimi, Ioanna Kotortsi, A sa M Wheelock, Sven Nyren, Magnus C. Skö ld, Speaker to be confirmed

Quantitative analysis of combination bronchodilator therapy effect in patients with chronic obstructive pulmonary disease using multi-detector computed tomography
Misuzu Yahaba, Naoko Kawata, Ken Iesato, Yoriko Sakurai-Iesato, Yukiko Matsuura, Jun Ikari, Yuji Tada, Koichiro Tsutsui, Speaker to be confirmed

Proximal and peripheral airway morphologic changes in elderly patients with asthma with fixed airflow obstruction and COPD
Prapaporn Pornsuriyasak, Chayanin Thongprasert, Therasuk Kawamatawong, Naparat Amornputisathaporn, Thitiporn Suwanatapongched, Speaker to be confirmed

Pulmonary artery to aorta ratio and mortality risk in the general population: The Rotterdam study
Natalie Terzikhan, Lies Lahousse, Daniel Bos, Lennard Wolff, Katia Verhamme, Oscar Franco, Bruno Stricker, A van der Lugt, Guy Brusselle, Speaker to be confirmed

Fatty liver infiltration in patients with COPD. An ECLIPSE cohort study
Mickael Martin, Natalie Almeras, Jean-Pierre Després, Harvey O Coxson, George R. Washko, Isabelle Vivodtzev, Emiel F.M. Wouters, Eric Rutten, Michelle Williams, John Murchison, William MacNee, Don D. Sin, François ois Maltais, Speaker to be confirmed

Comparison of $^{3}$He and $^{129}$Xe MRI for evaluation of lung microstructure and ventilation at 1.5 T
Neil Stewart, Ho-Fung Chan, Paul Hughes, Guilhem Collier, Felix Horn, Graham Norquay, Juan Parrar-Robles, Denise Yates, Paul Collini, Rod Lawson, Helen Marshall, Jim Wild, Speaker to be confirmed

Ventilation CT: Voxel-level comparison with HP gas MRI
Bilal Tahir, Helen Marshall, Paul Hughes, Neil Stewart, Felix Horn, Guilhem Collier, Graham Norquay, Kerry Hart, James Swincoe, Matthew Hatton, Jim Wild, Rob Ireland, Speaker to be confirmed

Regional phase III slope measurement using hyperpolarized gas MR imaging
Felix Horn, Guilhem Collier, Ho-Fung Chan, Neil Stewart, Jim Wild, Speaker to be confirmed

Validation of computational fluid dynamics simulations in image-based airway models with magnetic resonance imaging
Guilhem Collier, Kim Minsuok, Chung Yongmann, James Wild, Speaker to be confirmed

Variability in lung volume dependent changes in lobar-based pulmonary blood volume in a COPD population
Youbing Yin, John Newell, Juerg Tschieren, Jered Sieren, Graham Barr, Susan Wood, Eric Hoffman, Speaker to be confirmed

One year stability and sex differences in a 5 path analysis of the normal human airway tree via QCT: SPIROMICS cohort
Eric Hoffman, Juerg Tschieren, Jered Sieren, Youbing Yin, Graham Barr, MeilHan Han, Alejandro Comellas, Fernando Martinez, David Couper, John Newell, Speaker to be confirmed
Normal human airway dimensions and branching geometry assessed via QCT for 5 standardized paths
Juerg Tschirren, Jered Sieren, Youbing Yin, John Newell, David Naidich, Susan Wood, Eric Hoffman,
Speaker to be confirmed

A robust lung segmentation algorithm using fuzzy C-means method from HRCT scans
Emine Doganay, Levent Kart, Hatice Kutbay Ozcelik, Sadik Kara, Speaker to be confirmed

A functional imaging study to evaluate aortic inflammation in OSA subjects
Marie Fisk, Divya Mohan, Joseph Cherian, Carmel M. McEniry, John R. Cockcroft, Ruth Tal-Singer, Ian B.
Wilkinson, Michael I. Polkey, Speaker to be confirmed

Early CT findings following bronchial thermoplasty
Marie-Pierre Debray, Marie-Christine Dombret, Loubna Alavoine, Gabriel Thabut, Marina Pretolani, Pierre-
Yves Brillet, Camille Taille, Antoine Khalil, Pascal Chanez, Michel Aubier, Speaker to be confirmed

HRCT features in children with severe asthma in a regional centre - A retrospective analysis
Lubna Wajid, Ian Sinha, Musa Kaleem, Mohamed Tawil, Speaker to be confirmed

A study of anatomical variations in fissures and bronchial tree branching in the lung by CT scan²
Vishnu Sharma, Manjunath, Praveen John, Speaker to be confirmed

Hyperpolarised xenon-129 MRI (129Xe-MRI) of lung in healthy adult volunteers
Shahideh Safavi, Steven Hardy, Brett Haywood, Michael Barlow, Ian Hall, Speaker to be confirmed

Does hiatal hernia cause bronchiectasis?
Ege Gulcel Balbay, Elif Nisa Ünlü, Ali Nihat Annakkaya, Öner Balbay, Mehmet Köş, Alp Alper Safak, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Bronchoscopy: from diagnostic to treating airleaks
Chairs:

Towards quick and easy bronchial occlusion with silicon spigots: A new technique using guide sheath and curette
Yasuyuki Mizumori, Yasuharu Nakahara, Katsuya Hirano, Ryota Kominami, Yasushi Fukuda, Yasutaka
Onishi, Tomohiro Kato, Kenji Hanaoka, Ryogo Kagami, Rinko Katsuda, Yoko Yokoi, Kouhei Miyake, Hiroaki Tsukamoto, Shin Sasaki, Tetsuji Kawamura, Yoshiro Mochiduki, Speaker to be confirmed

A plugging device for the occlusion of acquired tracheobronchial esophageal fistulas: An experimental
study in minipig models
Zhicheng Zhong, Jing Li, Speaker to be confirmed

Endoscopic treatment of bronchopleural fistula using trichloroacetic acid
Maria Francisca Teixeira Lopes, Tiago Abreu, Leonor Mota, Júlio Semedo, Cristina Barbosa, Speaker to be confirmed

Endobronchial valve placement as a treatment of persistent pulmonary air leak
Laura Rodriguez Pons, Agnes Hernandez-Bette, José Sanz Santos, Enrique Cases Viedma, Felipe
Andreo Garcia, Carlos Martínez-Barenys, Raquel Martínez-Tomás, Pedro E. López-De Castro Aluje, Carmen Angela Centeno-Clemente, Juan Ruiz Manzano, Speaker to be confirmed

Successful bronchoscopic drainage of lung abscesses using a pigtail catheter
Avraham Unterman, Oren Fruchter, Dror Rosengarten, Nader Abdel-Rahman, Mordechai R. Kramer, Speaker
to be confirmed

Is conventional 19G TBNA needle useful?
Ajay Lall, Umang Shah, Andleeb Abrari, Nitin Dayal, Palak Brahmabhatt, Speaker to be confirmed

Safety of sedation with propofol addition in flexible bronchoscopy
Evgeni Gershman, Benjamin Daniel Fox, Oren Fruchter, Nader Abed El-Rahman, Mordechai Ruven Kramer, Speaker
to be confirmed

The use of dexmedetomidine as a sedative during flexible bronchoscopy
Gerasimos Lekatsas, Irini Lambiri, Georgios Prinianakis, Stylianos Michelakis, Nikolaos Tzanakis, Georgios
Pitsianakis, Dimitrios Georgopoulos, Speaker to be confirmed

Treatment option in recurrent respiratory papillomatosis (RRP) needing frequent deobstruction
Ajay Lall, Jaya Kumar, Umang Shah, Speaker to be confirmed
Prospective study of comparison of hot versus cold biopsy forceps in the diagnosis of endobronchial lesions
Isabelle Rault, Damien Basille, Nathalie Trouillet, Claire Andrejak, Jean Baptiste Obstler, Nathalie Plouvier, Laure Andre, Sabrina Lenel, Florence Le Meunier, Remi Suguenot, Emmanuelle Lecuyer, Houcine Bentayeb, Karim Boulanouar, Vincent Jouineaux, Charles Dayen, Youcef Douadi, Speaker to be confirmed

Valvular bronchial blocking in the treatment of cavitary pulmonary tuberculosis (CPTB)
Igor Motus, Igor Medvinsky, Elena Kildysheva, Glafira Zaletaeva, Sergey Scornyakov, Speaker to be confirmed

Role of flexible bronchoscopy in children with recurrent pneumonia
Hafizah Zainuddin, N. Fafwati Mohammad, Norzila M. Zainudin, Asiah Kassim, Speaker to be confirmed

Capnography monitoring the hypoventilation during the induction of bronchoscopic sedation
Ting-Yu Lin, Yueh-Fu Fang, Shih-hao Huang, Han-Pin Kuo, Yu-Lun Lo, Speaker to be confirmed

Bronchoscopy in the HIV era - 66 months in review
Maria Antonia Glória Galego, Catarina Oliveira Paulo, Daniela Rodrigues, Sofia Jordão, Joana Amado, Isabel Neves, Jorge Ferreira, Speaker to be confirmed

Nebulized versus standard local application of lidocain during flexible bronchoscopy - A randomized controlled trial
Tobias Mueller, Christian Cornelissen, Annegret Müller, Michael Dreher, Speaker to be confirmed

Different sedation practices in a bronchoscopy unit. Does it really matter?
Eleanor Gerada, John Xuereb, Portelli Luke, Yana Marie Dimech, Liberato Camilleri, Speaker to be confirmed

BODE index improves after endobronchial valve treatment in patients with emphysema without interlobar collateral ventilation
Karin Klooster, Nick H.T. Ten Hacken, Jorine E. Hartman, Dirk-Jan Slebos, Speaker to be confirmed

A single-center comparison of the cost analyses of different volume reduction-therapy methods in the treatment of emphysema
Bayram Metin, Yavuz Selim Intepe, Mahmut Kilic, Sener Yildirim, Erdogan Cetinkaya, Speaker to be confirmed

Endobronchial valve in complex treatment of patients with destructive pulmonary TB/HIV co-infection
Denis Krasnov, Yana Petrova, Sergei Skluev, Irina Felker, Vladimir Krasnov, Nikolay Grischenko, Speaker to be confirmed

Positive airway pressure-enhanced CT to improve virtual bronchoscopic navigation
Marta A. Diez-Ferrer, Debora Gil, Elena Carreño, Susana Padrones, Samantha Aso, Vanesa Vicens, Noelia Cubero, Rosa Lopez-Lisbona, Carles Sanchez, Agnes Borras, Antoni Rosell, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: IPF: from pathogenesis to treatment

Fibroblasts from IPF explanted lungs have mitochondrial dysfunction and short telomeres leading to an increased senescence phenotype
Diana Alvarez, Nayra Cardenes, Catherine Corey, Vidya Hanumanthu, Hanna D’Cunha, Marta Bueno, John Sembrat, Mary Armanios, Ana Mora, Mauricio Rojas, Speaker to be confirmed

Anti-fibrotic efficacy of nintedanib on pulmonary fibrosis via suppression of fibrocyte activity
Shun Morizumi, Seidai Sato, Shuichi Abe, Hiroyasu Okazaki, Yanjuan Chen, Hisatsugu Goto, Yoshinori Aono, Hirohisa Ogawa, Masaki Hanibuchi, Hisanori Uehara, Yuujiro Nishioka, Speaker to be confirmed

Anti-parietal cell autoimmunity in IPF patients
Guillaume Beltramo, Nicolas Peron, Pascale Nicaise, Claire Danel, Marie-Pierre Debray, Pauline Pradère, Aurélie Justet, Raphael Borie, Marie-Christine Dombert, Camille Taillé, Michel Aubier, Bruno Crestani, Speaker to be confirmed

Thyroid hormone inhibits pulmonary fibrosis through enhancement of mitochondrial function in alveolar epithelial cells
Arigris Tzouvelekis, Guoying Yu, Jose Herazo-Mayaa, Rong Wang, Joao Pedro S. Werneck de Castro, Giuseppe DeLuissi, Farida Ahangari, Tony Woolard, Rafael Arrojo e Drigo, Robert Homar, Anup Srivastava, Erica Herzog, Patty Lee, Antonio Bianco, Naftali Kaminski, Speaker to be confirmed
Glutathione peroxidase 3 localizes to the epithelial lining fluid and the extracellular matrix in lung fibrosis
Andrea Schamberger, Herbert Schiller, Isis Fernandez, Martina Sterclova, Katharina Heinzelmann, Elisabeth Hennen, Rudolf Hatz, Jürgen Behr, Martina Vasakova, Matthias Mann, Oliver Eickelberg, Claudia Staab-Weijnitz, Speaker to be confirmed

Interferon-pretreated human MSC show improved efficiency in humanized mice model of pulmonary fibrosis
Ming Liu, Ke Ni, Jian Zheng, Speaker to be confirmed

Effects of NecroX compounds on bleomycin-induced pulmonary fibrosis
Yong Chul Lee, So Ri Kim, Kyung Bae Lee, Hae Jin Park, Soon Ha Kim, Speaker to be confirmed

New therapies in IPF: The Hammersmith Hospital experience
Robina K. Coker, Philip W. Ind, Speaker to be confirmed

Nintedanib in IPF: The real-life experience of Siena Referral Center
Elena Bargagli, Annalisa Fui, Lucrezia Pianigiani, Martina Salvini, Maria Grazia Pieroni, Paola Rottoli, Speaker to be confirmed

Effect of nintedanib on cough and health related quality of life in patients with idiopathic pulmonary fibrosis
Mirjam van Manen, Nelleke Tak, Henk Hoogsteden, Marlies Wijsenbeek, Speaker to be confirmed

Intolerance of pirfenidone and its associated factors in the real world
Shunsuke Teraoka, Daichi Fujimoto, Munehiro Ito, Yoshihiro Nakagawa, Jiro Ito, Mariko Kogo, Yuki Sato, Kato Ryoji, Kazuma Nagata, Atsushi Nakagawa, Kojirou Otsuka, Yukimasa Hatachi, Keisuke Tomii, Speaker to be confirmed

Pirfenidone in patients with advanced idiopathic pulmonary fibrosis: First experience
Filip Hoet, Jonas Yzerbyt, Wim A. Wuys, Speaker to be confirmed

Onset of symptoms in idiopathic pulmonary fibrosis: A case-control study
Thomas Hewson, Tricia McKeever, Jack Gibson, Richard Hubbard, John Hutchinson, Speaker to be confirmed

The effect of emphysema in patients with idiopathic pulmonary fibrosis; evaluation using quantitative CT analysis
Hiroaki Nakagawa, Yuichi Higami, Kentaro Fukunaga, Yasuki Uchida, Ruriko Yukimura, Wataru Shigemori, Yumiko Kashiwagi, Masafumi Yamaguchi, Taishi Nagao, Emiko Ogawa, Yasutaka Nakano, Speaker to be confirmed

Comparison of changes of the King’s brief interstitial lung disease questionnaire (K-BILD) with other health status measures
Monique Wapenaar-deKorver, Amit S. Patel, Surinder S. Birring, Juanita A. Haagsma, Marlies S. Wijsenbeek, Speaker to be confirmed

Idiopathic pulmonary fibrosis: Gender differences in survival and functional decline. A retrospective study
Fabiana Matias Caro, Martín Eduardo Fernández, María Laura Alberti, Francisco Paulin, Speaker to be confirmed

HRCT in the evaluation of functional decay in IPF
Elisabetta Cocconcelli, Giulio Barbiero, Paolo Spagnolo, Graziella Turato, Roberta Polverosi, Davide Biondini, Alessia Fraccaro, Piera Peditto, Manuel G. Cosio, Marina Saetta, Elisabetta Balestro, Speaker to be confirmed

The development of a measure to better understand patient experiences with pirfenidone and nintedanib for the treatment of idiopathic pulmonary fibrosis (IPF)
Marlies S. Wijsenbeek-Lourens, Merel L. Kimman, Adrienne Rotteveel, Xana van Jaarsveld, Stephanie S. Weinreich, Rémy Mostard, Carmen D. Dirksen, Speaker to be confirmed

Does early diagnosis of idiopathic pulmonary fibrosis matter? Real-world’s data from the EMPIRE registry
Martina Vašková, Martina Sterclova, Jan Kus, Vladimir Bartos, Marta Hajkova, Martina Doubkova, Veronika Muller, Martina Plackova, Monika Zurkova, Vladimira Lostakova, Ladislav Lacin, Vladimir Ribak, Frantisek Petrlik, Pavlina Lisá, Radka Bittenglova, Dragana Jovanovic, Richard Tyl, Gustav Ondrejka, Hana Suldova, Jaroslav Lnenicka, Jana Psikalova, Tomas Snizek, Jiri Homolka, Renata Kralova, Jan Kervitzer, Michal Svoboda, Jana Strenkova, Speaker to be confirmed
Do typical and atypical HRCT patterns make difference in prognosis of patients with IPF?
Martina Vašáková, Martina Sterclova, Vladimir Bartos, Martina Doubkova, Martina Plackova, Monika Zurkova, Vladimira Lostakova, Ladislav Lacina, Vladimir Rihak, Frantisek Petrlik, Pavlina Lisa, Radka Bittenglova, Richard Tyl, Gustav Ondrejka, Hana Suldova, Jaroslav Lnenicka, Jana Psikalova, Tomas Snizek, Jiri Homolka, Renata Kralova, Jan Kervitzer, Michal Svoboda, Jana Strenkova, Athol Wells, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: ILD clinical

Chairs:

Can current guidelines improve the diagnosis of a usual interstitial pneumonia among general radiologists?
Onofre Moran Mendoza, Roger Chou, Lisa Jong, Rob Dhillon, Justin Flood, Katarina Janic, Muhammad Hawai, Speaker to be confirmed

Randomised controlled, crossover trial to evaluate the effects of ambulatory oxygen on health status in patients with fibrotic lung disease
Dina Visca, Sharon Fleming, Ashi Firouzi, Morag Farquhar, Nicholas Hopkinson, Charlotte Hogben, Winston Banya, Paul Cullinan, Angelo De Lauretis, Maria Kokosi, John Tayu Lee, Rosemarie Lyne, Sarah Agnew, Apollo Kwook, Surinder Birring, Alfredo Chetta, Anne Marie Russell, Peter Saunders, Toby Maher, Athol Wells, Lisa Spencer, Elisabetta Renzoni, Speaker to be confirmed

Interstitial lung abnormalities in the AGES-Reykjavik study
Gunnar Gudmundsson, Rachel K. Putman, Tetsuro Araki, Mishuki Nishino, Elias F. Gudmundsson, Sigurdur Sigurdsson, Gudny Eiriksdottir, Thor Aspelund, Lenore J. Launer, Tamara Harris, Ivan O. Rosas, David Schwartz, Hiroto Hata, Vilmundur Gudnason, Gary M. Hunninghake, Speaker to be confirmed

Corticosteroids determine clinical course of IIPs with possible UIP HRCT pattern?
Toru Arai, Tomoko Kagawa, Chikatoshi Sugimoto, Yumiko Sasaki, Kazunobu Tachibana, Masanori Kitaichi, Takahiko Kasai, Masanori Akira, Seiji Hayashi, Yoshikazu Inoue, Speaker to be confirmed

Usual interstitial pneumonia pattern in chronic hypersensitivity pneumonitis
Eva Padrão, Vanessa Santos, Patrícia Caetano Mota, Natália Melo, Rui Cunha, José Miguel Pereira, António Morais, Speaker to be confirmed

Pulmonary hypertension in interstitial lung disease: Non-invasive assessment for detection and prognosis
Maria Kokosi, Greg Keir, John Wort, Peter George, Arjun Nair, David Hansell, Simon Walsh, Joseph Jacob, Athol Wells, Speaker to be confirmed

John Hutchinson, Tricia McKeever, Andrew Fogarty, Vidya Navaratnam, Richard Hubbard, Speaker to be confirmed

Novel lung function tests in patients with interstitial lung disease (ILD)
Frederik Trinkmann, Katharina Roth, Daniel Saur, Martin Borggreve, Joachim Saur, Julia D. Michels, Speaker to be confirmed

Impact of lymphocyte differential count in BALF on the mortality of patients with acute exacerbation of idiopathic chronic fibrosing interstitial pneumonia
Reoto Takei, Shogo Kumagai, Machiko Arita, Machiko Arita, Tadashi Ishida, Speaker to be confirmed

The association between functional and HRQOL (K-BILD) outcome measures in IPF and other fibrotic ILDs
Charles Sharp, Christina Baggott, Heather Lamb, Surinder Birring, Huzaifa Adamali, Speaker to be confirmed

Study of factors affecting mortality in ILD cases over 2 years
Sameer Arbat, Amita Athavale, Jairaj Nair, Sneha Tirpude, Anshu Punjabi, Speaker to be confirmed

Neoplasia in patients with ILD: shortened survival
Nesrin Mogulkoc, Aysu Sinem Koc, Imren Nesil, Pervin Korkmaz Ekren, Ali Veral, Yasemin Kabasakal, Ahmet Uysal, Feza Bacakoglu, Selen Bayraktaroglu, Speaker to be confirmed

The King’s brief interstitial lung disease (K-BILD) questionnaire; an updated minimal important difference
Aish Sinha, Amit S. Patel, Richard Siegert, Sabrina Bajwah, Greg Keir, Patrick Gordon, Sophia Steer, Toby M. Maher, Elisabetta A. Renzoni, Athol U. Wells, Irene J. Higginson, Surinder S. Birring, Speaker to be confirmed
Cryptogenic organizing pneumonia- IL1-, IL-6, IL-8, and TGF- concentrations in serum in patients treated with clarithromycin
Elzbieta Radzikowska, Paulina Agus, Adriana Rozy, Elzbieta Wiatr, Joanna Chorostowska-Wynimko, Renata Langfort, Kazimierz Roszkowski-Sliz. Speaker to be confirmed

Clinical value of BAL in the diagnosis of interstitial lung diseases
Giedre Cinciveiciute, Silvyja Zemnickiene, Virginija Sileikiene, Laimute Jurgauskienė, Edvardas Danila, Speaker to be confirmed

Relevance of the expert ILD clinical-radiological evaluation of referred cases to the MDT
Pilar Rivera Ortega, Patricio Lubruch, Roger Llatjos, Vanesa Vicens Zymgunt, Francisca Martinez, Lurdes Planas, Anna Bachs, Javier Narvaez, Ignacio Escobar, Jordi Dorca, Maria Molina Molina, Speaker to be confirmed

ILD-India registry: Idiopathic pulmonary fibrosis (IPF) and connective tissue disease (CTD) associated interstitial lung disease (CTD-ILD)
Bridget Collins, Sheetu Singh, Jyotsna Joshi, Deepak Tulwar, Sandeep Katiyar, Nishtha Singh, Lawrence Ho, Jai Kumar Samaria, Parthasarathi Bhattacharya, Rakesh Gupta, Sudhir Chaudhari, Tejraj Singh, Vijay Moond, Sudhakar Pipavath, Jitesh Ahuja, Ravindran Chetambath, Alok Ghoshal, Nirmal Kumar Jain, Gayathri Joshy, Surya Kant, Parvaiz Koul, Raja Dhar, Rajesh Swarnkar, Surendra Sharma, Dhruvajoti Roy, Kripesh Sarmah, Bhavin Jankharia, Rodney Schmidt, Virendra Singh, Ganesh Raghu, Speaker to be confirmed

Interstitial lung diseases and lung cancer
Maria Alvarenga Santos, Susana Clemente, Margarida Felizardo, Cláudia Matos, Sofia Tello Furtado, Speaker to be confirmed

Addition of respiratory hospitalizations 24 weeks prior to the ILD-GAP model to predict mortality in chronic interstitial lung disease
Su-Ying Low, Speaker to be confirmed

Bronchoalveolar lavage findings in patients with diffuse interstitial lung disease (DILDs)
Besma Dhahri-Ourari, Lamia Missaoui, Jihen Bamar, Heifa Zaibi, Saloua Azzabi, Med Ali Baccar, Hichem Aouini, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Sarcoidosis
Chairs:

Diagnostic and prognostic value of advanced imaging modalities in patients with suspected cardiac sarcoidosis
Vasileios Kouranos, Rakesh Sharma, John Baksi, Sanjay Prasad, Rajdeep Khattar, Maria Kokos, Kshama Wechalekar, Athol Wells, Speaker to be confirmed

TNF- polymorphism as a prognostic marker for MTX efficacy in progressive pulmonary sarcoidosis
Anna Goljan Geremek, Monika Czyzowska, Agnieszka Skoczylas, Elzbieta Puscinska, Michal Bednarek, Adam Nowinski, Pawel Sliwinski, Speaker to be confirmed

Risk factors for cardiac involvement in sarcoidosis - A case-control study in 201 Caucasian patients
Magdalena Martusewicz-Boros, Elzbieta Wiatr, Dorota Piotrowska-Kownacka, Justyna Fijolek, Dariusz Gawryluk, Jacek Grudny, Katarzyna Modrzewska, Urszula Nowicka, Mateusz Polaczek, Elzbieta Radzikowska, Janusz Szopinski, Jolanta Winek, Jolanta Zaleska, Jacek Zych, Janusz Burakowski, Piotr Boros, Jaroslaw Kober, Kazimierz Roszkowski-Sliz, Speaker to be confirmed

A patient-driven sarcoidosis clinic: Improvement of patient compliance and satisfaction
Ann Vu, Andrew Calzadilla, Liege Diaz, Juan Corral, Kevin Dhalaria, Mehi Mirsaeidi, Speaker to be confirmed

Efficacy of adalimumab in sarcoidosis patients who developed intolerance to infliximab
Heleen A. Crommelin, Leone M. van der Burg, Adriane D.M. Vorselaars, Marjolein Drent, Coline H.M. van Moorsel, Ger T. Rijkers, Vera H.M. Deneer, Jan C. Grutters, Speaker to be confirmed

The neck as mediastinal extension: diagnosis of sarcoidosis by core biopsy of cervical lymph nodes
Ahmed Fahim, David Rosewarne, Speaker to be confirmed

Sarcoidosis in the UK: Insights from the BTS interstitial lung disease registry
Robina K. Coker, William Chang, Nazia Chaudhuri, Sue Copley, Owen Dempsey, Ian Forrest, Michael Gibbons, Ling-Pei Ho, Toby M. Maher, Helen Parfrey, Luca Richeldi, Lisa Spencer, Monica Spiteri, Speaker to be confirmed

Decreased aortic stiffness in with early grade pulmonary sarcoidosis patients
Aysel Aydin Kaderli, N. Funda Coskun, Sumeeyye Gullulu, Esra Uzlaslan, Speaker to be confirmed
Incidence and prognostic factors for airflow obstruction in sarcoidosis
Michal Bednarek, Anna Goljan-Geremek, Elzbieta Puscinska, Adam Nowinski, Damian Korzybski, Pawel Sliwinski, Speaker to be confirmed

The 18F PET/CT scan in patients with chronic sarcoidosis
Jelica Lj Videnovic-Ivanov, Violeta M. Mihailovic-Vucinic, Dragana Sobic-Saranovic, Isidora Gvozdic, Snezana Filipovic-Stepic, Speaker to be confirmed

Prevalence of smoking among Polish sarcoid patients
Elzbieta Puscinska, Anna Goljan Geremek, Elzbieta Radzikowska, Dorota Wyrostkiewicz, Anna Soszka, Adam Nowinski, Michal Bednarek, Pawel Sliwinski, Speaker to be confirmed

Vitamin D deficiency and activity of sarcoidosis
Snezana Filipovic, Vucinic Violeta, Videnovic Jelica, Stjepanovic Mihailo, Jandric Aleksandar, Speaker to be confirmed

-glucan in lymph nodes in sarcoidosis patients
Marjeta Trebelj, Barbara Salobir, Ragnar Rylander, Speaker to be confirmed

Polymorphism and copy number variation of FCGR genes in an etiopathogenesis of sarcoidosis
Anna Dubaniewicz, Marlena Typiak, Krzysztof Rebal, Szymon Nowakowski, Bartlomiej Rekawiecki, Jan Marek Słominski, Speaker to be confirmed

Neutrophil phagocytic activity in differentiating tuberculosis from sarcoidosis
Oskar Okuniewski, Kataryzna Wozniak, Bartlomiej Rekawiecki, Jan Slominski, Dariusz Swietlik, Anna Dubaniewicz, Speaker to be confirmed

Promoter polymorphism of the AGT gene is associated with both idiopathic pulmonary fibrosis (IPF) and sarcoidosis in Russian patients
Anna Ulitina, Lubov’ Novikova, Olga Baranova, Julia Ilkovich, Tatiana Makarova, Mikhail Ilkovich, Mikhail Dubin, Speaker to be confirmed

Functional influence of FcRRIIa on CR3 in the etiopathogenesis of sarcoidosis
Bartlomiej Rekawiecki, Marlena Typiak, Kataryzna Wozniak, Oskar Okuniewski, Hanna Majewska, Krzysztof Rebal, Anna Dubaniewicz, Speaker to be confirmed

Mortality and survival predictor in chronic hypersensitivity pneumonitis
Inigo Ojanguren Arranz, Ferran Morell, Ana Villar, Christian Romero, Maria a Antonio Ramon, Maria Jesus Cruz, Xavier Munoz, Speaker to be confirmed

Statin-induced lung diseases
Kristina Lalic, Jasna Tekavec Trkanjec, Marija Šimic, Neven Tudoric, Speaker to be confirmed

Immunosuppressive treatment is not a predictor of mortality after surgical lung biopsy for interstitial lung disease
Kataryzna Furrer Wacker, Christian Nebiker, Lilian Junker, Simona Lazdinyte, Spasenija Savic, Katrin Hostetler, Desiree Schumann, Joerg Halter, Michael Tamm, Didier Lardinois, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Asthma management in primary care

The predictive value of symptoms for asthma diagnosis and inhaled steroid treatment response
Matthew Martin, Emma Wilson, Dominick Shaw, Tim Harrison, Speaker to be confirmed

The contribution of an asthma diagnostic consultation service (ADCS) in obtaining an accurate asthma diagnosis for primary care patients
Frank W.J.M. Smeenk, Ruby Gillis, Walter van Litsenburg, Roland H.H. van Balkom, Jean W. Muris, Speaker to be confirmed

Validity of the IPAG questionnaire for asthma screening in Ho Chi Minh City, Vietnam
Quoc Bao Le, Tuyet Lan Thi Le, Speaker to be confirmed

Evaluating the usefulness of fractional exhaled nitric oxide and forced oscillation technique in clinical practice
Haruko Saiki, Osamu Hataji, Yoichi Nishii, Kentaro Ito, Tadashi Sakaguchi, Corina D’ Alessandro-Gabazza, Esteban Gabazza, Tetsu Kobayashi, Osamu Taguchi, Speaker to be confirmed
The role of adherence to inhaled corticosteroids (ICS) in the relationship between blood eosinophilia and asthma control
Alberto Papi, Dermot Ryan, Joan Soriano, Henry Chrystyn, Leif Bjørmer, Roberto Rodríguez-Roisin, Myrna Dolovich, Mark Harris, Bakhtiyor Khalikulov, David Price, Speaker to be confirmed

Asthma ICS prescriptions in primary care in France and the United Kingdom: Are they similar?
Eric van Ganse, Laurent Laforeste, Sandrine Herbage, Mael va Nolin, Alexandra L. Dima and the ASTROLAB Group, Speaker to be confirmed

Asthma prescribing practices, ethnicity and risk of hospital admission: An analysis of linked primary and secondary care records in East London
Sally Hull, Kate Homer, Shauna McKibben, Stephanie Taylor, Katy Pike, Chris Griffiths, Speaker to be confirmed

Quality of life and asthma control in elderly asthmatics: A seven year follow-up - Results from the PRAXIS study
Björn Ställberg, Joyce Hogebrug, Christer Janson, Mary Kämpe, Scott Montgomery, Tjard Schermer, Josefin Sundh, Karin Lisspers, Speaker to be confirmed

The impact of incentives on the implementation of asthma or diabetes self-management: A systematic review
Tracy Jackson, Liam Heaney, Mike Shields, Chi Yan Hui, Hilary Pinnock, Speaker to be confirmed

Comorbidity and mortality in Swedish asthma patients 2006 – 2013 - An observational register study (PACEHR)
Karin Lisspers, Christer Janson, Kjell Larsson, Gunnar Johansson, Gunilla Telg, Georgios Stratelis, Marcus Thuresson, Björn Ställberg, Speaker to be confirmed

Validating app and 1-week version of the ‘control of allergic rhinitis and asthma test’ (CARAT)
Corina de Jong, Thys van der Molen, Jorn de Kroon, Ellen van Heijst, Ioanna Tsiligianni, Joao Fonseca, Bertine Flokstra-de Blok, Speaker to be confirmed

Cutpoints of the ‘control of allergic rhinitis and asthma test’ (CARAT) subscales
Corina de Jong, Thys van der Molen, Martijn Oudkerk, Ellen van Heijst, Ioanna Tsiligianni, Joao Fonseca, Bertine Flokstra-de Blok, Speaker to be confirmed

Supported asthma self-management: A systematic overview from a service perspective
Luke Daines, Maria Panagioti, Hannah Parke, Gemma Pearce, Eleni Epiphaniou, Stephanie Taylor, Hilary Pinnock, Speaker to be confirmed

Explanatory factors enhancing the adoption of asthma self-management behaviour in South Asian and Black populations: A systematic review
Salina Ahmed, Stephanie Taylor, Hilary Pinnock, Liz Steed, Speaker to be confirmed

Asthma knowledge, control and quality of life in ethnically diverse communities
Michael J. Abramson, Ching Shan Wan, Francis Thien, Mark Hew, Rosalie Aroni, Speaker to be confirmed

Assessment of factors influencing adherence to asthma treatment among 12-17 year olds: A multinational survey in France, Germany, Spain and United Kingdom
Kristine Sorensen, Anam Ahmad, Antje Finkwagner, Helmut Brand, Speaker to be confirmed

Reason for non-compliance to inhaled medications among adult patients of asthma and COPD attending outpatient department in a tertiary care hospital
Sarfaraz Jamal, Balakrishnan Menon, Mohammad Yousoof, Harsh Vardhan, Speaker to be confirmed

What is the level of knowledge and its impact on attitude and practices amongst asthmatic patients in India?
Sapna Madas, Jyoti Londhe, Sundep Salvi, Speaker to be confirmed

Mapping cultural webs in primary and secondary care: Identify barriers to integrated respiratory care
Ellie Lanning, Jayne Longstaff, Marion Lynch, Thomas Jones, Anoop Chauhan, Speaker to be confirmed

Evaluation of novel augmented reality based mobile application to record peak expiratory flow rates
Rahul Kodgule, Daniel Chamberlain, Yogesh Thorat, Vandana Das, Rich Fletcher, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Managing multimorbidity and lifestyle change in primary care
Chairs:
The prevalence of influenza vaccination among elderly attending to a chest disease outpatient clinic and associated factors with vaccination
Burcu Arpinar Yigitbas, Elif Tanriverdi, Celal Satici, Canan Gündüz, Speaker to be confirmed

Prevalence and predictors of electronic cigarette use by patients with COPD in the Birmingham COPD cohort
Amanda Farley, Kiran Kalirai, Rachel Jordan, Alexandra Enocson, Andy Dickens, David Fitzmaurice, Peymane Adab, Speaker to be confirmed

A development study of pulmonary rehabilitation for patients with chronic lung disease in Uganda
Rupert Jones, Bruce Kirenga, Jill Pooler, Wincelas Katagira, Richard Kasita, Doyo Gragn Enki, Siobhan Creanor, Andrew Barton, Alphonce Okwera, William Worodria, Sally Singh, Speaker to be confirmed

Prevalence of sleep apnoea and its associated impact on quality of life in a primary care COPD population
Andy Dickens, Alexandra Enocson, Rachel Jordan, David Fitzmaurice, Peymane Adab, Speaker to be confirmed

Prevalence of excessive daytime sleepiness and obstructive sleep apnea risk in a large line of primary health care users
Apostolos Manolis, Grigorios Trypsianis, Eleni Leontidou, Eleni Perantoni, Maria Xanthoudaki, Evangelia Nena, Paschalis Steiropoulos, Speaker to be confirmed

Diagnostic delay and misdiagnosis in interstitial lung disease (ILD) at primary health care level
K.K. Mujeeb Rahman, Speaker to be confirmed

Comparison of adherence to BTS quality standards for bronchiectasis between primary and secondary care in the UK
Patrick Haslam, Lauren Gowland, Tania Wood, Timothy Gatheral, Speaker to be confirmed

Efficacy and response predictors of inhaled corticosteroid treatment on chronic cough
Seung Hun Jang, Joo-Hee Kim, Sunghoon Park, Yong Il Hwang, Ki-Suck Jung, Chang Youl Lee, Speaker to be confirmed

Prevalence of cough and its associated diagnoses among 204,912 patients seen in primary care (PC) in India
Komalkirti Apte, Sapna Madas, Monica Barne, Sushmeeta Chhowala, Jaideep Gogtay, Sundeep Salvi, Speaker to be confirmed

Prevalence of pneumonia reported by primary care physicians (PCPs) in India: Results of a 1-day point prevalence study in 880 urban cities and towns in India
Komalkirti Apte, Sapna Madas, Monica Barne, Sushmeeta Chhowala, Jaideep Gogtay, Sundeep Salvi, Speaker to be confirmed

Patients and caregivers agreement in dyspnea assessment in pulmonology
Sabrina Urso, Juliette Guislain, Antoine Fremault, Cécile Denoble, Gregory Reychler, Speaker to be confirmed

Effect of ICS on glycaemic control in patients with COPD and comorbid type 2 diabetes: Historical case-matched cohort study
Richard Russell, David Price, Rafael Mares, Anne Burden, Derek Skinner, Helga Mikkelsen, Niels H. Chavannes, Janwillem W.H. Kocks, Jeffrey W. Stephens, John Haughney, Speaker to be confirmed

The prevalence of comorbidities in COPD patients and their impact on quality of life and COPD symptoms in primary care patients - An UNLOCK study from the IPCRG
Bjorn Stallberg, Pedro Teixeira, Coert Blom, Karin Lisspers, Ioanna Tsiligianni, Rachel Jordan, Miguel Román-Rodríguez, Nané Kleefstra, Oleksii Korzh, David Price, Niels Chavannes, Speaker to be confirmed

Characterization of ACOS patients in a pulmonary outpatient consultation - Applying the questionnaire proposed by GINA/GOLD consensus
Daniela Rodrigues, Maria Antónia Galego, Marta Teixeira, Ana Paula Vaz, Jorge Ferreira, Speaker to be confirmed

Comorbidities in Swedish COPD and non-COPD patients: ARCTIC study
Bjorn Stallberg, Christer Janson, Kjell Larsson, Gunnar Johansson, Konstantinos Kostikas, Jean-Bernard Gruenberger, Leif Jorgensen, Patrick Sobocki, Karin Lisspers, Speaker to be confirmed

Association between chronic comorbidity and exacerbation rate in primary care COPD patients. Preliminary analysis of real-life general practice data (PROSPECT1)
Janine A.M. Westerik, Esther Metting, Job F.M. van Boven, Waling Tiersma, Janwillem Kocks, Tjard Schermer, Speaker to be confirmed
Mild cognitive impairment in chronic obstructive pulmonary disease and chronic heart failure: A systematic review and meta-regression analysis
Abebaw Yohannes, Wenjia Chen, Ana Moga, Iracema Leroi, Martin Connolly, Speaker to be confirmed

Comorbidities and quality of life in obstructed adults in a primary care setting
Salvatore Buccieri, Palma Audino, Fabio Bibella, Pietro Alfano, Mario Raphael Melis, Salvatore Marcantonio, Giuseppina Cutitita, Snamid Cooperative Group, Speaker to be confirmed

The minimal clinically important difference for COPD health status tools measured with global ratings of change during different time periods
Harma Alma, Corina de Jong, Danijel Jelusic, Michael Wittmann, Michael Schuler, Janwillem Kocks, Konrad Schultz, Thys van der Molen, Speaker to be confirmed

Mild cognitive impairment in chronic obstructive pulmonary disease and chronic heart failure: A systematic review and meta-analysis
Abebaw Yohannes, Wenjia Chen, Ana Moga, Iracema Leroi, Martin Connolly, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Molecular targets in pulmonary disease

Metabolomics profiling identifies female-selective upregulation of oxidative stress in individuals with COPD
Shama Naz, Johan Kolmert, Mingxing Yang, Magnus Skold, Åsa Wheelock, Craig Wheelock, Speaker to be confirmed

Differential bronchial epithelial gene expression in COPD versus controls
Maria Soler Artigas, Anna Esteve, Gian Andre Thun, Chris Newby, Louise Wain, Martin Tobin, Simon Heath, Ivo Gut, Dave Singh, Loems Ziegler-Heitbrock, Chris Brightling, Speaker to be confirmed

Parallel activation of autophagy and myogenesis during muscle mass recovery following disuse-atrophy
Anita Kneppers, Nicholas Pansters, Pieter Leermakers, Lex Verdijk, Luc van Loon, Annemie Schols, Ramon Langen, Speaker to be confirmed

The role of histone deacetylase 2 (HDAC2) and glucocorticoid receptor (GR) isoforms, in patients with asthma-COPD overlap syndrome (ACOS)
Elena Vsevolodskai, Zhanna Mironova, Anna Ulitina, Vasily Trofimov, Sophia Pchelina, Michael Dubina, Speaker to be confirmed

Rare A1AT variants in Polish patients with chronic respiratory disorders - Data from 2013 to 2016
Katarzyna Duk, Aneta Zdral, Radoslaw Struniaiski, Beata Szumma, Adriana Rozy, Joanna Chorostowska-Wynimko, Speaker to be confirmed

Microbes mediated host innate immune response in idiopathic pulmonary fibrosis
Yong Huang, Shwu-Fan Ma, Rekha Vij, Justin Oldham, Gary Huffnagle, John Erb-Downward, Kevin Flaherty, Beth Moore, Eric White, Tong Zhou, Jianrong Li, Yves Lussier, Mei-Lan K. Han, Milena Espindola, Joe G.N. Garcia, Cory Hogaboam, Fernando J. Martinez, Imre Noth, For the COMET Investigators, Speaker to be confirmed

Identification of a novel SERPINA-1 mutation causing alpha-1 antitrypsin deficiency in a patient with severe dyspnea
Victoria Lorenzon, Soledad Saez, Alejandra Pereyra, Jose Oyhamburu, Patricia Sorroche, Speaker to be confirmed

Plasma levels of TIPM-2 in patients with COPD
Tanya Tacheva, Dimo Dimov, Yoana Georgieva, Vanya Ilieva, Atanas Koychev, Tatyana Vlaykova, Speaker to be confirmed

The first designed PCR-RFLP technique for butyrophilin-like 2 rs2076530 polymorphism in sarcoidosis
Alirea Javad, Masoud Zarei, Masoud Shamaei, Arda Kiani, Atteh Abedini, Makan Sadr, Mihan Pourabdollah, Speaker to be confirmed

Level of soluble molecules of major histocompatibility complex CLASS II in serum, sputum and exhaled breath condensate in COPD of patients with an exacerbation of COPD
Igor A. Klimanov, Svetlana Soodaeva, Timur Li, Nailya Kubysheva, Larisa Postnikova, Viktor Novikov, Lidija Nikitina, Speaker to be confirmed

Targeting the hippo effector YAP overcomes the de novo and acquired resistances to EGFR-TKI in lung adenocarcinoma
Chaeuk Chung, Dahiye Lee, Ju Ock Kim, Sun Young Kim, Jeong Eun Lee, Jea Young Moon, Yeon Hee Park, Sung Soo Jung, Dong Il Park, Speaker to be confirmed
Differential regulation of cytokine production is mediated by IL-17 in obese children with obstructive sleep apnoea
Shahram Golbabapour, Muhammad Yazid Jalaludin, Azriyanti Anuar Zaini, Anna Marie Nathan, Jessie Anne De Bruyne, Karuthan Chinna, Anura Michelle Manuel, Surendran Thavagnanam, Speaker to be confirmed

Are Vitamin D receptor genetic polymorphisms associated with chemotherapy response and prognosis in patients with advanced non-small-cell lung cancer?
Sonia Toujani Chekki, Jouda Cherif, Wajih Kaabachi, Houda Snene, Meriem Mjid, Yacine Ouhachi, Nozha Ben Salah, Bechir Louzir, Nadia Mehiri, Kamel Hamzaoui, Majed Beji, Speaker to be confirmed

In vivo genome editing using nuclease-encoding mRNA corrects SP-B deficiency
Alexander Dewerth, Azita Mahiny, Lauren E. Mays, Mohammed Alkahled, Benedikt Mothes, Emaad Malaekefsefat, Brigitta Loretz, Jennifer Rottenberger, Darina M. Brosch, Philipp Reautschning, Pacharan Surapolschai, Franziska Zeyer, Andrea Schams, Melanie Carevic, Martina Bakele, Matthias Griese, Matthias Schwab, Bernd Nuber, Sandra Beer-Hammer, Rupert Handgretinger, Dominik Hartl, Claus-Michael Lehr, Michael S.D. Kormann, Speaker to be confirmed

Utilisation of whole slide image analysis to quantify lesion formation, collagen content and cell density within histologically stained fibrotic lung tissue
Lorcan Sherry, Mark Anderson, Alison Bigley, Kieran McGregor, Stuart Naylor, Claudio Petterino, Mary McElroy, Speaker to be confirmed

Whole genome-sequencing of non-tuberculous mycobacteria
Maya Dymova, Olga Alkhovik, Lubov Evdokimova, Andrey Cherdenichenko, Tatjana Petrenko, Speaker to be confirmed

Mesenchymal Tsc2 deficiency causes retarded lung alveolarization and polycystic kidney lesion
Siying Ren, Yongfeng Luo, Hui Chen, Elizabeth P. Henske, Wei Shi, Speaker to be confirmed

A tissue microarray analysis on the role of chromosome 7 multiplication regarding the EGFR expression in non-small cell lung carcinomas
Athanassios Stamatakopoulos, Evangelos Tsiambas, Petros Michos, Yiannis Gakidis, Dimosthenis Bouros, Speaker to be confirmed

The leukocyte telomere length, single nucleotide polymorphisms near TERC gene and risk of COPD
Tanya Tacheva, Shanbeh Zienolddiny, Dimo Dimov, Heidi Ø degaard Noto, Aage Haugen, Tatyana Vlakova, Speaker to be confirmed

The role of SIRT1 in LPS-induced lung endothelial barrier dysfunction and lung injury in vivo
Weizhong Jin, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: What's new in biomarker analysis?
Chairs:

LSC Abstract – Increased oxidative stress leads to telomere shortening in children with alpha-1 antitrypsin deficiency
Sara Pastor, Amparo Escribano, Silvia Castillo, Ana Reula, María Mercedes Navarro-García, Francisco Sanz, Estrella Fernandez-Fabrellas, Pilar Codoñer-Franch, Francisco Jose Dasi Fernandez, Speaker to be confirmed

Lipid biomarkers predictive of gastro-oesophageal reflux in adult asthma
Kamran Tariq, Joost Brandsma, Dominic Burg, Benjamin L. Nicholas, Rene Lutter, Julie Corfield, Kian F. Chung, Peter H. Howarth, Ana R. Sousa, Anthony D. Postle, Peter J. Sterker, Ratko Djukanovic, U-BIOPRED Study Group, Speaker to be confirmed

Serum microRNA levels in paediatric females versus males with cystic fibrosis
Paul McKiernan, Catherine Mooney, David Henshall, Barry Linnane, Paul McNally, Catherine Greene, Speaker to be confirmed

The relationship between blood eosinophils and bacterial load in COPD patients
Umme Kolsum, Vandana Gupta, Gavin Donaldson, Richa Singh, Bethan Barker, Leena George, Adam Webb, Sarah Thurston, Chris Brightling, Jadwiga Wedzicha, Dave Singh, Speaker to be confirmed

The National Institute of Health Research Translational Research collaboration in alpha-antitrypsin deficiency: The relationship between CT densitometry and the fibrinogen cleavage biomarker A-Val<sup>360</sup>
Diana Crossley, Paul Newby, Rob Stockley, Speaker to be confirmed

Increased circulating fibrocytes in asthmatic patients with severe OSA
Tsaï-Yu Wang, Yu-Lun Lo, Chun-Hua Wang, Han-Pin Kuo, Speaker to be confirmed
Receptor for advanced glycation end products contributes to particulate induced lung function loss and hyperreactivity: Mitigating the effects of a single intense particulate exposure
Sophia Kwon, Erin J. Caraher, Syed H. Haider, George Crowley, Audrey K. Lee, Minah Ebrahim, Mohamed Zedan, David J. Prezant, Ann Marie Schmidt, Anna Nolan, Speaker to be confirmed

Can NPT be used to distinguish eosinophilic inflammatory phenotypes in COPD?
Kirsty Hambleton, Catherine Borg, Clare Connolly, Mona Bafadhel, Speaker to be confirmed

Signalling through the receptor for advanced glycation end products (RAGE) is increased in acute asthma and correlates with symptom severity
Asger Bjerregaard, Celeste Porsbjerg, Lucy Barrett, Ingrid Laing, Siew-Kim Khoo, Markus Fally, Peter Le Souëf, Vibeke Backer, Philip Thompson, Svetlana Baltic, Speaker to be confirmed

Impairment of leptin/leptin receptor pathway in nasal epithelium from allergic turbinate
Andreina Bruno, Antonella Ballacchino, Liboria Siena, Domenica Russo, Salvatore Gallina, Francesco Lorusso, Giuseppina Chiappara, Mark Gjomarkaj, Elisabetta Pace, Speaker to be confirmed

Influence of smoking on multifunctional membrane surface glycoprotein expression on the surface of T lymphocytes in BAL fluid from patients with pulmonary sarcoidosis
Laimute G. Gurauskiene, Radvile Malickaite, Regina Aleksoniene, Stanislava Simanaviciene, Edvardas Danila, Speaker to be confirmed

Serum levels of 26S proteasome are lower in patients with asthma
Zivile Zemeckiene, Edita Gasuniene, Astra Vitkauskiene, Speaker to be confirmed

Proinflammatory cytokines and IP-10 differentiate neutrophilic and eosinophilic asthma subgroups
Matthew Gueble, Carole Holm, Nicole Grant, Lois Ravage-Mass, Terri-Dawn Levesh, Jean Estrom, Eleni Kapagianidou, Qing Liu, Peggy O’Connor, Jose Gomez-Villalobos, Lauren Cohn, Geoffrey Chupp, Speaker to be confirmed

Exacerbations in the subpopulations and intermediate outcome measures in COPD study (SPIROMICS, NHLBI) are associated with sputum eosinophilia but not blood eosinophilia
Annette Haste, Fernando Martinez, Jeff Curtis, Claire Doerschuk, Nadia Hansel, Stephanie Christenson, Nirupama Putcha, Victor Ortega, R. Graham Barr, Betsy Carretta, David Couper, Eric Hoffman, Richard Kanner, Eric Kleerup, Neil Alexis, Prescott Woodruff, MeiLan Han, Deborah Meyers, Eugene Bleecker, Speaker to be confirmed

Triggering receptor expressed on myeloid cells (TREM1): A novel biomarker in the investigation of non-CF bronchiectasis? Preliminary results
Athanasia Proklou, Giorgos Pitsidianakis, Eliza Tsitoura, Chara Koutoulaki, Argyro Hatziantoniou, Despoina Moraitaki, Dimitrios Georgopoulos, Katerina Antoniou, Nikos Tzanakis, Speaker to be confirmed

Determinants of oxidants load in broncho-alveolar milieu
Giuseppe Valerio, Pierluigi Bracciale, Donato Lacedonia, Speaker to be confirmed

Inflammatory-cellular composition of the induced sputum (IS) and activity of leucocytes myeloperoxidase (MPO) in asthmatics with different airway response to hyperosmolar stimulus
Juliy Perelman, Aleksey Pirogov, Anna Prikhodko, Sergey Zinoviev, Evgeniya Afanaseva, Victor Kolosov, Speaker to be confirmed

Proteome fingerprints define groups with distinct clinicopathological phenotypes in the U-BIOPRED asthma study
James Schofield, Dominic Burg, Doroteya Staykova, Julie Corfield, Ian Adcock, Kian Fan Chung, Peter Sterk, Paul Skipp, Ratko Djukanovic, Speaker to be confirmed

A novel flow cytometric based method to measure kinase inhibition in sputum from COPD subjects
Grant Nicholson, Rebecca Holloway, Brian Leaker, Iain Kilty, Mikhail Salganik, Peter Barnes, Louise Donnelly, Speaker to be confirmed

IL-17A is elevated in patients with COPD and contributes to airway remodeling by acting on fibroblasts
Tianwen Lai, Baoping Tian, Chao Cao, Luangqing Che, Yue Hu, Feng Xu, Songmin Ying, Wen Li, Zhihua Chen, Huahao Shen, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Translational studies in lung disease
Chairs:

LSC Abstract - The association between fine ambient particulate air pollution and lung cancer incidence in adventist health and smog-2 (AHSMOG-2) cohort study
Lida Gharibvand, David Shavlik, Mark Ghamsary, Larry Beeson, Samuel Soret, Raymond Knutsen, Synnove Knutsen, Speaker to be confirmed
Interaction of dietary fatty acids with obesity induced cytokines in primary human pulmonary fibroblasts
Sandra Rutting, Dia Xenaki, Qi Ge, Lisa Wood, Phil Hansbro, Brian Oliver, Speaker to be confirmed

Extracellular matrix within the airway smooth muscle layer correlates with age but not in cases of asthma
John Elliot, Natasha Sandosham, Robyn Jones, Su-Ann Drew, Karen McKay, Peter Noble, Alan James, Speaker to be confirmed

The electrophilic 17-oxo-DHA enhances the anti-inflammatory efficacy of fluticasone propionate in COPD patients
Chiara Cipollina, Serena Di Vincenzo, Liboria Siena, Caterina Di Sano, Mark Gjomarkaj, Elisabetta Pace, Speaker to be confirmed

Secondary mechanisms of genotoxicity promoted by iron oxide nanoparticles via immune cell activation in vitro
Steve Evans, Neenu Singh, Nicole Hondow, Tom Wilkinson, Gareth Jenkins, Shareen Doak, Speaker to be confirmed

Pirfenidone induced inhibition of p38 downregulates procoagulant microparticle generation by human alveolar epithelia cells
Tommaso Neri, Stefania Lombardi, Francesca Faita, Sivia Petrini, Cristina Balia, Valentina Scalise, Roberto Pedrinelli, Pierluigi Faggiano, Alessandro Celi, Speaker to be confirmed

Body mass index and adipose tissue within the airway wall
John Elliot, Francis Green, Alan James, Peter Noble, Speaker to be confirmed

Young adult with inherited PiMZ alpha-1-antitrypsin deficiency (A1ATD)-related bronchiectasis: characteristic of blood neutrophils and A1AT protein
Nupur Aggarwal, Beatriz Martinez Delgado, Sandeep Salipalli, Nerea Matamala, Jessica Rademacher, Nicolaus Schwerk, Tobias Welte, Sabina Janciauskiene, Felix C. Ringshausen, Speaker to be confirmed

Ciliary beat frequency study by high speed video microscopy
Gerardo Vizmanos-Lamotte, Sandra Rovira, Alba Torrent, Antonio Moreno-Galdó, Speaker to be confirmed

The role of IFN- in severe COPD patients with anamnestic viral-induced exacerbations before and after roflumilast treatment
Iryna Savelikkhina, Oleksandr Varunkiv, Mykola Ostrovskyy, Mariana Kulynych-Miskiv, Kseniia Ostrovska, Speaker to be confirmed

Induced sputum lipid mediators in severe asthma
Rahul Shrimanker, Samantha Thulborn, Catherine Borg, Clare Connolly, Ian Pavord, Speaker to be confirmed

Cross-talk between TNF-LIGHT and nitrosative stress in the airway remodeling of asthma
Tsunahiko Hirano, Kosuke Ito, Nobutaka Edakuni, Kazuto Matsunaga, Speaker to be confirmed

Recurrent cigarette smoke exposure impairs SIRT1 shuffling in bronchial epithelial cells
Satoru Yanagia-sawa, Peter J. Barnes, Kauziro Ito, Speaker to be confirmed

Obesity is associated with airspace lipid dysregulation
Niki Ubags, Maryellen Antkowiak, Aaron Wallace, Estee Dilli, Matthew J. Wargo, Emiel F.M. Wouters, Benjamin T. Suratt, Speaker to be confirmed

Epac1 and Epac2 regulate airway smooth muscle tone in mice
Martina Schmidt, Anouk Oldenburger, Harm Maarsingh, Speaker to be confirmed

Identification of miR-21 as a regulator of mesothelin expression using microRNA capture affinity coupled with next generation sequencing
Chiara de Santi, Sebastian Vencken, Jonathon Blake, Bettina Haase, Vladimir Benesch, Landi Stefano, Catherine Greene, Speaker to be confirmed

Modulation of lung CD11c+ dendritic cells by TGF- in pulmonary fibrosis in mice
Arindam Bhattacharyya, Speaker to be confirmed
MIP-1 is associated with eosinophilic airway inflammation
Yoshiki Kobayashi, Yasunori Konno, Shigeharu Ueki, Koichi Tomoda, Akira Kanda, Speaker to be confirmed

Effect of diesel exhaust (DE) on stress responses and innate immunity in primary bronchial epithelial cell (PBE) cultures from patients with COPD and controls
Pieter S. Hiemstra, Maria C. Zarcone, Evert Duistermaat, Marcel J. Alblas, Annemarie van Schadewijk, Dennis K. Ninaber, Marcel M. Moerman, Daan Vaessen, Ingeborg Kooter, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Novel insights into alveolar and bronchial epithelial cell injury and repair

Chairs:

LSC Abstract - The role of platelet-expressed C-type lectin-like receptor-2 in regulating the severity of murine lung injury
Sian Lax, Julie Rayes, David Thickett, Steve Watson, Speaker to be confirmed

LSC Abstract - Identification of distinct biological phenotypes of ARDS by cluster analysis and association with mortality
Lieuwe Bos, Laura Schouten, Lonneke van Vught, Maryse Wiewel, David Ong, Olaf Cremer, Tom van der Poll, Janneke Horn, Nicole Juffermans, Marcus Schultz, Speaker to be confirmed

LSC Abstract - Vitamin D stimulates macrophage efferocytosis and encourages a proresolving phenotype
Dhruv Parekh, Gavin Perkins, David Thickett, Speaker to be confirmed

Mesenchymal stromal cells (MSC) anti-microbial effect in acute respiratory distress syndrome (ARDS) is mediated in part by enhanced alveolar macrophage phagocytosis through cell contact-dependent mitochondrial transfer leading to improved macrophage bioenergetics
Megan Jackson, Thomas Morrison, Danny McAuley, Cecilia O’Kane, Michael Matthey, Anna Krasnodembskaya, Speaker to be confirmed

A mouse model of acute lung injury implicates phospholipase C in neutrophilic inflammation through CXC chemokine production
Kanoko Umezawa, Tatsuya Nagano, Hironori Edamatsu, Haruka Nishimura, Daisuke Tamura, Kazuyuki Kobayashi, Tohru Kataoka, Yoshihiro Nishimura, Speaker to be confirmed

ATP selectively packages TNF within microvesicles released from alveolar macrophages
Sanooj Soni, Ying Ying Tan, Kahori Cho, Michael Wilson, Kieran O’deas, Masao Takata, Speaker to be confirmed

Neutrophil extracellular traps are pathogenic in ventilator-induced lung injury and its formation is dependent on TLR4 signaling
Haosi Li, Pinhua Pan, Speaker to be confirmed

Proton-sensing TDAG8 exhibits the protective role in lipopolysaccharide-induced acute lung injury
Hiroaki Tsurumaki, Takeshi Hisada, Chihiro Mogi, Haruka Saito-Aoki, Masakiyo Watomi, Yousuke Kamide, Masayuki Tojo, Koichi Sato, Yasuhiro Koga, Akihiro Ono, Kunio Dobashi, Tomotsu Ishizuka, Masanobu Yamada, Fumikazu Okajima, Speaker to be confirmed

Oxidative stress in TGF-1-mediated fibrosis in Z alpha-1 antitrypsin cells
Samuel Alam, Ravi Mahadeva, Speaker to be confirmed

Cell therapy for the treatment of acute lung injury: Alveolar type II cells or mesenchymal stem cells?
Raquel Guillamat-Prats, Marta Camprubi-Rimbals, Ferranda Puig, Raquel Herrero, Anna Serrano-Moll, Jessica Tijero, Maria Nieves Gómez, Blanca, Antonio Artigas, Speaker to be confirmed

Aquaporin levels in murine lung injury
Alice Vassiliou, Nikolaos Manitsopoulos, Matina Kardara, Nikolaos Maniatis, Stylianos Orfanos, Anastasia Kotanidou, Speaker to be confirmed

Effects of VACHT reduction on the time course of lung inflammation in mice with acute lung injury
Nathalia Pinheiro, Fernanda Santana, Luciana Capero, ła, Tiberio, Vania Prado, Marco Antonio Prado, Milton Martins, Carla Prado, Speaker to be confirmed

Leukotriene E4 affects expression of genes involved in inflammatory, remodelling and mitogenic responses in human bronchial epithelial cells
Siiri Altraja, Mario Mitt, Alan Altraja, Speaker to be confirmed
Cigarette smoke alters primary human bronchial epithelial cell (PBEC) differentiation at air-liquid interface (ALI) and induces expression of CD105 and CD146
Rosalia Gagliardo, Fabio Bucchieri, Giussy Daniela Albano, Angela Marina Montalbano, Roberto Marchese, Giulia Anzalone, Alberto Fucarino, Giuseppe Paglino, Chiara Lo Nigro, Pascal Chanez, Mirella Profita, Speaker to be confirmed

Is there a secondary defect in CFTR in the nasal epithelium of patients with primary ciliary dyskinesia?
Suzanne Crowley, Michael Waller, Eric Alton, Jane Davies, Speaker to be confirmed

LSC Abstract - Unsupervised gene co-expression analysis identifies a novel endotype in severe asthma
Akul Singhania, Laurie C.K. Lau, Hitashu Rupani, Nivenka Jayasekera, Hans Michael Haitchi, Christopher H. Woelk, Peter H. Howarth, Speaker to be confirmed

LSC Abstract - System biology of adrenomedullin is controlled via its cell type specific expressed receptors in the human lung
Jyotshna Mandal, Michael Roth, Eleni Papakonstantinou, Lukas Bubendorf, Spasenija Savic, Michael Tamm, Daiana Stolz, Speaker to be confirmed

TGF -induced epithelial to mesenchymal transition (EMT) as a model of COPD
Jo-Maree Courtney, Patricia Spafford, Sukhwinder Singh Sohal, E. Haydn Walters, Speaker to be confirmed

Lung ageing in C57/Bl6 and BALB/c mice is characterized by a defective surfactant metabolism, increased ER stress and inflammasome induction
Martina Korfei, David Klaus, Daniel Stelmaszek, Clemens Ruppert, Ingrid Henneke, Werner Seeger, Andreas Guenther, Speaker to be confirmed

Primary ciliary dyskinesia caused by loss-of-function GAS8 mutations due to defects of the nexin-dynein regulatory complex
Johanna Raidt, Claudius Werner, Heike Olbrich, Niki T. Loges, Julia Wallmeier, Petra Pennekamp, Christine Edelbusch, Oliver Schwartz, Gerard W. Dougherty, Carolin Cremers, Kim G. Nielsen, June K. Martin, Maria Philipsen, Holger Thiele, Janine Altmüller, Frank Rommelmann, Heymut Omran, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: Systemic biomarkers

L-arginine pathway metabolites can predict exacerbation independently from beta blocker treatment in patients with COPD: A follow-up study
Tihamer Molnar, Veronika Sarosi, Balazs Illes, Ildiko Horvath, Istvan Ruzsics, Speaker to be confirmed

Association of the neutrophil-to-lymphocyte ratio with lung function and exacerbations in patients with chronic obstructive pulmonary disease
Soo-Jung Um, Seul Lee, Bo Hyoung Kang, Choonhee Son, Kwang Ha Yoo, Ki-Suck Jung, Speaker to be confirmed

Role of differential scanning calorimetry (DSC) in the staging of COPD: A new approach to an old definition problem
Zsuzsanna Szalai, Tamas F. Molnar, Denes Lorinczy, Speaker to be confirmed

Reactive oxygen metabolite levels are surrogate biomarkers for predicting exacerbation of bronchial asthma
Keitaro Nakamoto, Masato Watanabe, Mitsuru Sada, Toshiya Inui, Yukari Ogawa, Masuo Nakamura, Kojiro Honda, Takashi Koide, Saori Takata, Takuma Yokoyama, Takeshi Saraya, Daisuke Kurai, Hiroo Wada, Haruyuki Ishii, Hajime Takizawa, Speaker to be confirmed

Serum BNP levels in COPD, asthma-COPD-overlap-syndrome, smokers and never-smokers
Thorsten Albuscheit, Marleen Zickfeld, Erna Brandenburger, Jurgen Knobloch, Andrea Koch, David Jungck, Speaker to be confirmed

Assessment of plasma klotho concentration in stable COPD
Judit Páko, Imre Barta, Maria Kerti, Zsuzsanna Balogh, Orsolya Drozdovszky, Balazs Antus, Janos Varga, Ildiko Horvath, Speaker to be confirmed

Higher burden of asthma symptoms and increased blood eosinophils in ACOS
Ida Mogensen, Kjell Alving, Joao A. Fonseca, Tiago Jacinto, Christer Janson, Andrei Malinovschi, Speaker to be confirmed

Plasma asymmetric dimethylarginine (ADMA) in pediatric patients with cystic fibrosis (CF)
Francesca Lucca, Mirco Ros, Vanna Piazza, Antonina Gucciardi, Giuseppe Giordano, Liviana Da Dalt, Eugenio Baraldi, Speaker to be confirmed
Combined serum eosinophil count and procalcitonin level as a marker of bacterial infection in acute exacerbation of chronic obstructive pulmonary disease
Jae Jeong Shim, Juwhan Choi, Sangmi Chung, Jee Youn Oh, Young Seok Lee, Kyung Hoon Min, Gyu Young Hur, Sung Yong Lee, Kyung Ho Kang, Speaker to be confirmed

Assessment of serum magnesium level in patients with bronchial asthma
Maha Yousif, Ahmed Abd Elrahman Ali, Ramadon Bakr, Rania Emad Eldin, Speaker to be confirmed

Serum sirtuin-1 is reduced in COPD
Satoru Yanagiasawa, Andriana I. Papaioannou, Chaitanya Vuppusetty, Peter J. Barnes, Kazuhiro Ito, Speaker to be confirmed

Blood eosinophils relate more closely to reduced lung function than serum ECP or plasma EDN in young asthmatics
Andrei Malinovschi, Christer Janson, Ida Mogensen, Magnus Borres, Kjell Alving, Speaker to be confirmed

Study of inflammatory markers and BODE index in patients with chronic obstructive pulmonary disease
Priti Meshram, Shivprasad Shinde, Kapil Iyer, Sudipto Dasgupta, Rohit Hegde, Nagsen Ranraje, Speaker to be confirmed

A treatment algorithm adjusting oral corticosteroid using blood eosinophils reduces exacerbations and improves asthma control, in difficult asthmatics
Peter Wark, Peter Gibson, Vanessa McDonald, Speaker to be confirmed

Role of inflammatory biomarkers in COPD
Ola Alkady, Mona Fattouh, Speaker to be confirmed

Handgrip strength reflects exercise capacity and systemic inflammation in patients with chronic obstructive pulmonary disease
Min Kwang Byun, Yoon Soo Chang, Hyung Jung Kim, Chul Min Ahn, Speaker to be confirmed

Microalbuminuria as a cardiovascular biomarker in patients with COPD
Srikant Agarwal, Gopal Purohit, C.R. Choudhary, Sunil Vyas, Isha Garg, U. Narendra, Speaker to be confirmed

The relationship between blood neutrophils, blood eosinophils and exacerbations of COPD - Results from the TIE-study
Jens Ellingsen, Hans Hedenström m, Marieann Hö gman, Karin Lisspers, Björn Ställberg, Janson Christer, Malinovschi Andrei, H. Koyi, E. Brandén, n, K. Brö ms, A. Thornadisson, M. González Lindh, J. Sulkku, R. Bendrik, J. Lundkvist, On Behalf of the TIE-Study (Tools Identifying Exacerbations in Patients with COP, Speaker to be confirmed

Asthma and the role of blood glucose monitoring
Rebecca Wollerton, Kate Millington, Rachel Jones, Ari Manuel, Speaker to be confirmed

Vascular endothelial dysfunction in chronic obstructive pulmonary disease: Comparison with bronchial asthma, and controls
Kumihiko Terada, Tadayuki Terada, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: Non-inflammatory assessment of airway disorders

Chairs:

The impact of a structured consultation delivered by a respiratory nurse specialist on patients’ use of personalised asthma action plans (PAAP)
Andrew Smith, Soong Tan, Manish Patel, Maureen Carroll, Judy Lever, Amanda Lee, Eddie McKnight, John Haughney, Speaker to be confirmed

Does increasing the access to specialist respiratory team reduce the presentation and admission of acute asthma to hospital?
Helen Goldstein, Sandra Dermott, Imran Aziz, Speaker to be confirmed

Randomized, controlled study of the impact of a mobile health tool on asthma SABA use, control and adherence
David Van Sickle, Meredith Barrett, Olivier Humblet, Kelly Henderson, Chris Hogg, Speaker to be confirmed

Telehealthcare in COPD - A feasibility trial
Frank Rassouli, Maurus Pfister, Florent Baty, Sandra Widmer, Martin Brutsche, Speaker to be confirmed
Standard of inpatient care during exacerbation in territory care Hospital, Pakistan; A completed audit cycle
Saima Akhter, Nadeem Rizvi, Shaista Ghazal, Speaker to be confirmed

Systematic review of the relevance of CT densitometry in patients with COPD and AATD
Diana Crossley, Alice Turner, Speaker to be confirmed

Correlation of GINA asthma control with lung volumes, airway resistance, diffusion and 6M WT
Isha Garg, K.C. Agarwal, Gopal Purohit, C.R. Choudhary, Naveen Dutt, Sunil Vyas, Srikant Agarwal, U. Narendran, Speaker to be confirmed

COPD staging systems and BODE index
Efrain Sanchez Angarita, Maria Eugenia Laucho-Contreras, Arteta Andres, Herrera Lesly, Palatz Rosana, Montes de Oca Maria, Speaker to be confirmed

Cough detection in cystic fibrosis, primary ciliary dyskinesia and health
Joerg Grosse-Onnebrink, Andrea Radine, Claudius Werner, Heymut Omran, Speaker to be confirmed

Are asthma patients willing to participate in an interactive web-based disease registry?
Duco Schippers, P.W. Hekking, J.K. Sont, E.H.D. Bel, Speaker to be confirmed

Alveolar-arterial oxygen gradient in asthma
Dominick Shaw, Ireti Adejumo, Ruth Green, Ian Pavord, Speaker to be confirmed

Comparison of online and paper versions of the asthma control questionnaire and asthma quality of life questionnaire
Ian Smith, Jiska Snoeck-Stroband, Persijn Honkoop, Jacob Sont, MyAirCoach Study Group, Speaker to be confirmed

The NIHR translational research collaboration: The relationship between CT densitometry and quality of life in alpha one antitrypsin deficiency
Diana Crossley, Ross Edgar, Rob Stockley, Speaker to be confirmed

COPD discharge care bundles - Do they reduce hospital readmission rates?
Emma Crawford, Karen Leech, Janice Bailey, Carole Lynch, Gillian Owen, Barbara Rickard, Ian Evans, Naveed Mustafa, Imran Hussain, Helen Stone, Speaker to be confirmed

The effects of socioeconomic status on health outcomes in patients with COPD
Ali Kocabas, Ezgi Ozyilmaz, Speaker to be confirmed

Assessing the cost-effectiveness of the doctor-patient remotemonitoring system of chronic non-communicable diseases
Evgeny Kulikov, Olga Kobaykova, Ivan Deev, Vadim Boykov, Alexandra Golubeva, Speaker to be confirmed

Smart watch for monitoring physical activity in patients with chronic obstructive pulmonary disease
Osamu Hataji, Yoichi Nishii, Tadashi Sakaguchi, Haruko Saiki, Kentaro Ito, Corina D’ Alessandro-Gabazza, Tetsu Kobayashi, Esteban Cesar Gabazza Sanabria, Osamu Taguchi, Speaker to be confirmed

Smart phone-based platform for diagnosing asthma and COPD
Daniel Chamberlain, Rahul Kodgule, Yogesh Thorat, Vandana Das, Richard Fletcher, Speaker to be confirmed

Impact of telemonitoring on readmissions in pacientes with COPD after hospital discharge

Patient specific parameter thresholding to support domiciliary monitoring in COPD
Ahmed Al Rajeh, Michelle Obrien, Jennie Symondson, John Hurst, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Monitoring airway diseases with clinical tools

The effect of regional differences on visual arts interpretation in exacerbation and stable periods of chronic airway diseases
Fusun Yildiz, Serap Argun Baris, Tugba Onyilmaz, Osman Odabas, Speaker to be confirmed

Emergency department (ED) attendance with asthma: An unmet need for specialist review
Sarah Smart, Louise Carefoot, Anin Dasgupta, Tim Sutherland, Ian Clifton, Speaker to be confirmed
Patients’ adherence to chronic treatment in lung diseases: Preliminary data from a randomized controlled trial
Claudia Gregoriano, Simona Henny-Reinalter, Sabrina Maier, Anna-Lisa Flamm, Thomas Dieterle, Isabelle Arnet, Kurt E. Hersberger, Jörg D. Leuppi, Speaker to be confirmed

Asthma attendances in the emergency department: frequency and timing
Thomas Jones, Claire Roberts, Ellie Lanning, Daniel Neville, Thomas Brown, Anoop Chauhan, Speaker to be confirmed

A comparison of general and respiratory physicians’ follow up arrangements post discharge after asthma exacerbations
Sana Ullah, Ilyas Sulaiman, Tom Opray, Gareth Jones, Hassan Burhan, Helen James, Bev Mcdonough, Speaker to be confirmed

Factors predicting treatment outcome in hospitalized patients with acute exacerbation of COPD (AECOPD)
Jayalakshmi T. Kutty, Padmaraj Ankale, Aparna Iyer, Sanket Jain, Speaker to be confirmed

Identification of asthma level of control using administrative data of short-acting beta-agonist inhalers purchase
Dekel Shlomi, Irit Katz, Michael Segal, Nir Peled, Speaker to be confirmed

Comparison of patient-reported outcomes (PROs) during acute exacerbation of chronic obstructive pulmonary disease
Saya Nakamura, Masaaki Kusunose, Kazuyoshi Senda, Koichi Nishimura, Speaker to be confirmed

COPD attendances in a busy emergency department: frequency and timing
Daniel Neville, Thomas Jones, Ellie Lanning, Thomas Brown, Ben Green, Anoop Chauhan, Speaker to be confirmed

Automated classification of productive and non-productive cough
Volker Gross, Patrick Fischer, Nicole Kerkenberg, Christoph Urban, Andreas Weissflog, Ulrich Koehler, Keywan Sohrabi, Speaker to be confirmed

COPD related fatigue (COPD-RF) as a patient centred outcome tool in COPD: Various predictors and its correlation with other outcome parameters
SHEETAL CHAURASIA, ALAMELU HARAN, ANISH REDDY, PAVNY CHAWLA, SPEAKER TO BE CONFIRMED

Assessing symptoms in COPD: Use of the E-RS daily digital diary in early drug development
Bruce Miller, Ruth Tal-Singer, Ali Lazaar, Nancy Leidy, Henrik Watz, David Collins, John Yonchuk, Maggie Tabberer, Speaker to be confirmed

Implementation of the patient outcomes and information service (POINTS) to improve the management of chronic obstructive pulmonary disease (COPD) in Lanarkshire
Andrew Smith, Soong Tan, Manish Patel, Maureen Carroll, Karon Carson, Andy Currie, Speaker to be confirmed

Asthma management in a specialist setting: Results of a national survey
Marta Ferrari, Silvia Garuti, Fulvio Braido, G. Walter Canonica, Ilaria Baiardini on behalf of SI MeR A3LTC, Speaker to be confirmed

IE-3 study. Impact of a specialized intervention in the diagnosis of COPD
Nagore Blanco Cid, Pedro J. Marcos, Isaura Parente Lamelas, Hugo Gomez Marquez, Jose Abal Arca, Pedro Marcos Velazquez, Speaker to be confirmed

Different associations between airflow limitation and health-related quality of life based on COPD severity
Sukyeon Kim, Hye Yun Park, Byung Woo Jhun, Daegeun Lee, Seong Mi Moon, Seong Yong Lim, Chin Kook Rhee, Kwang Ha Yoo, Jung Yeon Lee, Speaker to be confirmed

Predictor parameters for exercise intolerance in patients with chronic obstructive pulmonary disease (COPD)
Bojana Butorac Petanjek, Sanja Popovic-Grlje, Marina Abramovic, Suzana Kukulj, Nataša Karamarkovic Lazarušić, Speaker to be confirmed

The control of asthma in real life: Baseline evaluation of a long-term study
Ernesto Crisafulli, Roberta Pisi, Fabio Arpinelli, Marina Aiello, Meryem El Majdoub, Davide Feci, Antonella Ielpo, Massimo Guerrero, Giuseppina Bertorelli, Alfredo Chetta, Speaker to be confirmed
Correlation between Arabic version of the asthma control test, forced expiratory volume at 1 s and exhaled nitric oxide in Tunisian asthmatic patients
Ferdaous Yangui, Rimeh Ayari, Mariem Triki, Maher Abouda, Hend Khouani, Mohamed Ridha Charfi, Speaker to be confirmed

Efficacy of comprehensive education program including inhaler training and disease management on COPD
Joo Hun Park, Kwang Ha Yoo, Jung Yeon Lee, Ji-Hyun Lee, Tae-Hyung Kim, Chin Kook Rhee, Ho-Kee Yum, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Airway biomarkers

Measuring exhaled hydrogen sulphide (eH$_2$S) levels in asthma
Uruj Hoda, Hendrica Zwetsloot, Sally Meah, Pankaj Bhavsar, Fan Chung, Speaker to be confirmed

Use of an electronic wheeze detection tool to monitor development of wheeze during mannitol inhalational bronchial challenge for the diagnosis and management of asthma
Shivonne Prasad, Eleonora Del Colle, Francis Thien, Speaker to be confirmed

Exhaled breath temperature (EBT) in asthmatic patients: Influence of severity and underlying mechanisms
Polyxeni Ntontsi, Petros Bakakos, Georgios Papatheodorou, Konstantinos Kostikas, Elissavet Konstantellou, Georgios Hillas, Georgios Patentalakis, Leonidas Angelakis, Nikolaos Koulouris, Spyridon Papatheodoreos, Stelios Loukides, Speaker to be confirmed

Monitoring oxidative stress during recovery from COPD exacerbations: Comparison of airway and systemic malondialdehyde levels
Orsolya Drozdovszky, Imre Barta, Zsuzsanna Kelemen, Janos Varga, Balazs Antus, Speaker to be confirmed

Sputum induction for assessment of biomarkers in early development of new drugs for respiratory disease in a proof of concept setting
Robert Lins, Haiko Pillu, Lien Gheyle, Annick Van Riel, Speaker to be confirmed

Breathprint of severe allergic asthma with SPM E-GC-MS Analysis of exhaled air volatile organic compounds(Ege University translational pulmonology research group [EgeTPAG])
Levent Pelit, Oğuz Gökşel, Tugberk Nail Dizdas, İlknur Bagatir, Füsun Pelit, Hasan Ertas, Tuncay Gökköse, Burak Ordin, Arif Gürsoy, Durmuş Öztürk, Münevver Erdinç, F. Nil Ertas, Speaker to be confirmed

Development of a method for quantification of phosphatidylcholine in exhaled breath
Ann-Charlotte Almstrand, Anita Wallin, Marianne Andersson, Anna-Carin Olin, Ekaterina Mirgorodskaya, Speaker to be confirmed

Fast track sputum monitoring in severe asthma
Gael Tavernier, Stephen Fowler, Dorothy Ryan, Robert Niven, Speaker to be confirmed

Monitoring catalase activity in COPD exacerbations
Balázs Antus, Orsolya Drozdovszky, Imre Barta, Speaker to be confirmed

Elevated levels of alveolar nitric oxide in patients with inflammatory bowel disease
Adonis Protopapas, Stergios Vradelis, Theodoros Karampitsakos, Athanasios Chatzimichail, Emmanouil Paraskakis, Speaker to be confirmed

The relationship between exhaled nitric oxide and body mass index in controlled and uncontrolled Tunisian asthmatics
Ferdaous Yangui, Rimeh Ayari, Mariem Triki, Maher Abouda, Hend Khouani, Mohamed Ridha Charfi, Speaker to be confirmed

Markers of eosinophilic airway inflammation in patients with severe and mild to moderate asthma
Galina Sergeeva, Alexander Emelyanov, Evgenia Leshenko, Antonina Znakhurenko, Svetlana Rebrova, Ludmila Kozireva, Nana Asatiani, Speaker to be confirmed

Relation of exhaled breath temperature and systemic markers of inflammation and remodelling in stable bronchial asthma
Bhupendra Singh Yadav, Anjana Talwar, Debabrata Ghosh, Randeep Guleria, Speaker to be confirmed

Exhaled surfactant protein A and albumin in a healthy Swedish population
Ekaterina Mirgorodskaya, Per Larsson, Hatice Koca, Jeong-Lim Kim, Björn Bake, Evert Ljungström, Anna-Carin Olin, Speaker to be confirmed
**Bronchial and alveolar nitric oxide levels in healthy volunteers and patients with severe asthma**

Zsófia Lázár, Péter Horváth, Rita Puskáss, László Kunos, György Losonczy, Gabriella Galffy, András Bikov, Speaker to be confirmed

**Quantitation method for colistimethate sodium in pharmaceutical aerosol samples using high performance liquid chromatography (HPLC)**

Adam Metcalf, Lucy Hardaker, Ross Hatley, Speaker to be confirmed

**Interleukins in induced sputum and plasma of COPD and asthma patients in Indian population: Correlation with respiratory indices and cell counts**

Anjali Trivedi, Anjana Talwar, Monica Chandan, Geetanjali Bade, Randeep Guleria, Debabrata Ghosh, Speaker to be confirmed

**The levels of exhaled nitric oxide in controlled asthmatic patients with and without rhinitis**

Ferdaous Yangui, Rimeh Ayari, Mariem Triki, Maher Abouda, Hend Khouani, Mohamed Ridha Charfi, Speaker to be confirmed

**Effect of tobacco smoke exposure on exhaled nitric oxide levels in Tunisian asthmatics**

Ferdaous Yangui, Rimeh Ayari, Mariem Triki, Maher Abouda, Hend Khouani, Mohamed Ridha Charfi, Speaker to be confirmed

**Effects of treatment and withdrawal with inhaled beclomethasone/formoterol on electronic nose and NMR metabolomic breathprints in patients with COPD**

Giuseppe Santini, Nadia Mores, Claudio Luchinit, Leonardo Tenori, Alessia Vignoli, Francesco Macagno, Leonello Fusco, Tim Higenbottam, Paolo Montuschi, Speaker to be confirmed

**12:50 - 14:40**

Thematic Poster: Laboratory tests and cell biology in allergy and immunology

**Cellular and molecular mechanisms of endothelial dysfunction of ACOS-syndrome**

Angelina Kraposhina, Irina Demko, Svetlana Chubarova, Elena Sobko, Olga Ischenko, Irina Soloveva, Natalia Gordeeva, Speaker to be confirmed

**Regulation of GRO production in human bronchial epithelial cells**

Toshiya Imai, Masato Watanabe, Keitaro Nakamoto, Mitsuru Sada, Shingo Tsuji, Aya Hirata, Masuo Nakamura, Yukari Ogawa, Takashi Koide, Saori Takata, Takuma Yokoyama, Daisuke Kurai, Takeshi Saraya, Haruyuki Ishii, Hiroy Wada, Hajime Takizawa, Speaker to be confirmed

**Association between Type 2 innate lymphoid cells increase and allergy in patients with chronic rhinosinusitis and asthma**

Xun Meng, Jinhong Wang, Hanqing Lin, Heng Zhong, Tao Zhang, Speaker to be confirmed

**Autoreactivity and inflammatory phenotypes in patients with COPD and bronchial asthma**

Anna Konishcheva, Valentina Gervazieva, Speaker to be confirmed

**Role of the T-cell homing receptor in the immune mechanisms of the allergic march**

Laure Castan, Marie-Aude Cheminant, Philippe Aubert, Michel Neunlist, Marie Bodinier, Antoine Magnan, Grégory Bouchaud, Speaker to be confirmed

**Increased neutrophil gelatinase-associated lipocalin (NGAL) promotes airway remodeling in chronic obstructive pulmonary disease (COPD)**

Xin Yao, Yujie Wang, Man Jia, Xiaoyi Yan, Weizhen Song, Ian Adcock, Peter Barnes, Speaker to be confirmed

**Mitochondrial fusion in the pathogenesis of severe asthma with fungal sensitization**

So Ri Kim, Yong Chul Lee, Hae Jin Park, Dong Im Kim, Soon Ha Kim, Speaker to be confirmed

**Regulation of inflammatory cytokines in human immunocompetent cells by propranolol in vitro**

Fatemeh Hajighasemi, Abbas Mirshafiey, Speaker to be confirmed

**Relation between concentration of TNF-α, IL-6, CRP and airway hyperresponsiveness in elderly asthmatics**

Karolina Lindner, Robert Pawlowicz, Zbigniew Machaj, Bernard Panaszek, Speaker to be confirmed

**Induced sputum levels of soluble receptor ST-2 in adult patients suffering from allergic asthma or allergic rhinitis**

Amaryllis Haccuria, Mirna Verreira, Joanne Rasschaert, Alain Van Muylem, Alain Michils, Speaker to be confirmed
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<td>Basophil activation test for staphylococcus enterotoxins in severe asthmatic patients</td>
<td>Cecilia Calabrese, Gennaro Mazzarella, Francesco Perna, Sara Carputo, Salvatore Abbadesa, Martina Flora, Rosalba Maffucci</td>
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<td>Total IgE thresholds for detection of a positive specific IgE</td>
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<td>Performance evaluation of a novel point-of-care total IgE assay system in atopic patients</td>
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12:50 - 14:40

Thematic Poster: Pharmacological intervention in man and murine models of asthma

Chairs:

Developing a chronic murine model that better reflects the clinical features of the human asthma
Jin-Young Lee, Jae-Won Paeng, Mi-Jin Jang, Byung-Jae Lee, Dong-Chull Choi, Speaker to be confirmed

Preventative administration of IL-27 improves airway inflammation of ovalbumin-induced asthma mice model via both STAT1 and GADD45/p38MAPK pathways
Zhihong Chen, Xiaojinqi Su, Jue Pan, Kan Xu, Xiandong Wang, Speaker to be confirmed

Synergistic suppression of T cell-induced eosinophilia by CTLA4-Ig and glucocorticoid in murine asthma model
Akio Morii, Satoshi Kouyama, Miyako Yamaguchi, Akemi Ohtomo-Abe, Yosuke Kamide, Hiroaki Hayashi, Kentaro Wata, Chihiro Mitsu, Kiyoshi Sekiya, Takahiro Tsururai, Yuma Fukutomi, Masami Taniguchi, Takayuki Ohtomo, Osamu Kaminuma, Speaker to be confirmed

Effects of PKR inhibitor on poly(I:C)-induced exacerbation of severe asthma
So Ri Kim, Yong Chul Lee, Dong Im Kim, Hae Jin Park, Speaker to be confirmed

Reduction of lung cytokines and luminal inflammatory cells in IL-1b deficient mice
Irma Mahmutovic Persson, Hamid Akbarshahi, Mandy Menzel, Lena Uller, Speaker to be confirmed

Weight gain alters adiponectin receptor 1 expression on lung-resident Foxp3+ Helios+ regulatory T cells: Implications during allergic airway inflammation?
Patricia Ramos, Carina Malmhäll, Kristina Johansson, Jan Löf, Apostolos Bossios, Speaker to be confirmed

The role of IL-17 producing NK cells and other innate immune cells in poly(I:C) triggered exacerbation of experimental asthma
Lars Lunding, Christina Vock, Sina Webering, Jochen Behrends, Christoph Hölscher, Heinz Fehrenbach, Michael Wegmann, Speaker to be confirmed

The formation and effects of extracellular DNA traps in a murine asthma model
Xi Chen, Chengping Hu, Speaker to be confirmed
Aquaporin-3 potentiates murine asthma through mediating T-cell trafficking and chemokine production
Kohei Ikezoe, Toru Oga, Tetsuya Honda, Mariko Hara-Chikuma, Xiaojun Ma, Tatsuaki Tsuruyama, Kazuko Uno, Jun-ichi Fuchikami, Kiminobu Tanizawa, Tomohiro Handa, Yoshio Taguchi, Alan Verkman, Shuh Narumiya, Michiaiki Mishima, Kazuo Chiu, Speaker to be confirmed

Absence of proton sensing OGR1 protects against house dust mite-induced allergic airway inflammation
Haruka Saito, Takeshi Hisada, Chihiro Mogi, Tsurumaki Hiroaki, Masakiyo Yatomi, Yosuke Kamide, Akihiro Ono, Yasuhiro Koga, Kunio Dobashi, Tamotsu Ishizuka, Fumikazu Okajima, Masanobu Yamada, Speaker to be confirmed

The role of CD39 and CD73 expressed by regulatory T cell in the pathogenesis of asthma in mice
Ranran Dai, Linlin Wang, Guochao Shi, Speaker to be confirmed

Evaluating the effects of inhaled corticosteroid on insulin sensitivity in asthmatic patients
Hanrie Raji, Seyed Hamid Borsi, Homeira Rashidi, Maryam Shaabanpour, Speaker to be confirmed

Impact of co-administration of fevipiprant (QAW039) and SLCO1B1 genotype on the PK of simvastatin and rosuvastatin
Avantika Barve, Hanns-Christian Tillmann, Emma Ilsley, Janardhana Vemula, Alexandra Nica, Georges Imbert, Walid Elbast, Hilmar Schiller, Gian Camenisch, Ralph Woessner, Speaker to be confirmed

Absorption, metabolism and excretion of fevipiprant (QAW039) investigated in vivo and in vitro
David Pearson, Yi Jin, Veit J. Erpenbeck, Ralph Woessner, Gian Camenisch, H. Markus Weiss, Speaker to be confirmed

Blood eosinophil dose response to oral corticosteroids in a population of patients with severe asthma
Daren Austin, Isabelle Poilou, Olivier Keene, Steve Yancey, Speaker to be confirmed

The allergen-specific immunotherapy efficiency in dependent on patient's parasitic status
Mary Kuropatenko, Natalia Platonova, Zarrina Azamova, Elizaveta Agapova, Ludmila Zhelenina, Speaker to be confirmed

Antituberculosis fixed multi-dose combination and single drug therapy in active tuberculosis: What is about drug hypersensitivity reactions?
Sabrine Majdoub, Hafsaoua Daghdouss, Soumaya Ben Saad, Ahrraf Ben Tkhayat, Fatma Tritar, Speaker to be confirmed

Clinical experience with montelukast plus ICS vs. only ICS in non-asthmatic eosinophilic bronchitis (NAEB) in Indian patients
Kshitij Mandke, Anup Mandke, Speaker to be confirmed

Domiciliary diurnal variation of fractional exhaled nitric oxide (FeNO) for predicting short-term treatment effect
Manabu Uematsu, Junpei Saito, Suguru Sato, Atsuro Fukuhara, Yasuhiro Suzuki, Ryuichi Togawa, Yuki Sato, Kenichi Misa, Takefumi Nikaido, Naoko Fukuhara, Xintao Wang, Yoshinori Tanino, Mitsuru Munakata, Speaker to be confirmed

4-year trajectory of medication adherence amongst severe asthma patients: Risk factors and impact on asthma control
Li leng Tan, Michelle Li Wei Kam, Anthony Chau Ang Yii, Qi Cao, Ming Chai Kong, Mcvin Cheen Hua Heng, Santhi Nallappen, Keng Yong Ong, Therese Sophie Lapperre, Mariko Siyue Koh, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Comorbidities and exacerbations in COPD

The frequency of COPD exacerbations is related to the comorbidity profile
Emin Hoxha Ekströ, Maria Andersson, Maria Gerhardsson de Verdier, Jan Hedner, Ann Ekberg

Relation of American Heart Association's life's simple 7 cardiovascular health factors with chronic obstructive pulmonary disease
Hwa Mu Lee, Angela Lee, Chi Kieu, Nathan Wong, Speaker to be confirmed

Analysis of the frequency of COPD exacerbations in the 'real-life' DACCORD study over a 2 year period
Heinrich Worth, Roland Buhl, Carl-Peter Criee, Peter Kardos, Claudia Mailänder, Nadine Lossi, Claus Vogelmeier, Speaker to be confirmed
Comorbidity in patients with IHD - the prevalence of COPD
Daria Didenko, Lesya Raspuntina, Yuriy Mostovoy, Nataliya Cherep, Speaker to be confirmed

Risk of pneumonia in chronic obstructive pulmonary disease patients treated with inhaled corticosteroids. Results from the OUTPUL study
Nera Agabiti, Silvia Cascini, Lisa Baulo, Ursula Kirchmayer, Valeria Belleudi, Mirko Di Martino, Riccardo Pistelli, Giulio Formoso, Danilo Fusco, Marina Davoli, Speaker to be confirmed

Systematic analysis of self-reported comorbidities in the COSYCONET COPD cohort study by stepwise evaluation of medication
Tanja Lucke, Ronald Herrera, Margarethe Wacker, Rolf Holle, Frank Bieritz, Dennis Nowak, Rudolf Maria Huber, Sandra Sohler, Claus Vogelmeier, Joachim Ficker, Harald Mueller, Rudolf A. Jöres, Speaker to be confirmed

Prevalence of common diseases in COPD patients versus lung-healthy control subjects: Results from the German COSYCONET study
Stefan Karrasch, Anne Obst, Sandra Sohler, Barbara Thorand, Cornelia Huth, Karl-Heinz Ladwig, Claudia Flexeder, Margarethe Wacker, Annette Peters, Joachim Heinrich, Ralf Ewert, Dennis Nowak, Rudolf A. Jöres, Claus Vogelmeier, Sven Gläser, Holger Schulz, COSYCONET Study Group, Speaker to be confirmed

One-year mortality in COPD patients after severe exacerbation
Evgeni Mekov, Yanina Slavova, Adelina Tsakova, Marianka Genova, Dimitar Kostadinov, Delcho Mincev, Dora Marinova, Mihail Boyanov, Speaker to be confirmed

2 years in the life of COPD patients: Evolution of GOLD 2011 classification in the ‘real-life’ DACCORD study
Roland Buhl, Carl-Peter Crié, Peter Kardos, Claus Vogelmeier, Claudia Mailander, Nadine Lossi, Heinrich Worth, Speaker to be confirmed

Predictors of COPD in high risk individuals seen in primary care
Oliver Tupper, Peter Kjeldgaard, Anders Løkke, Charlotte Suppli Ulrik, Speaker to be confirmed

Global associations between air pollutants and chronic obstructive pulmonary disease (COPD) exacerbations: A systematic review
Elizabeth Moore, Lia Chatzidiakou, Moyosore-Oluwa Kuku, Roderic Jones, Liam Smeeth, Sean Beever, Frank Kelly, Benjamin Barratt, Jennifer Quint, Speaker to be confirmed

Validation of the COPD control concept: A UK pilot
Shawna Tan, Marc Miravitlles, Juan Jose Soler-Cataluna, Bernardino Alcazar, Anjan Nibber, Alison Chisholm, Joan B. Soriano, David Price, Speaker to be confirmed

Night-time symptoms and sleep disturbances in patients with COPD
Ulrich Holmgren, Mark Small, Gina Bergstrom, Bo Ding, Speaker to be confirmed

Comorbidities and COPD severity: The French Palomb cohort
Chantal Raherison-Semjen, EL-Hassane Ouassel, Laurent Falque, Alain Bernady, Jean-Michel Dupis, Marielle Sabatini, Laurent Nguyen, Annaig Ozier, Cecilia Nocent-Ejnaimi, Frederic Le Guillou, Christophe Roy, Elodie Blanchard, Helene Jungmann, Julien Casteigt, Emili Bertaud, Francois Pellet, Speaker to be confirmed

Prevalence of comorbidities in patients with chronic obstructive pulmonary disease in presence of heart failure

Co-morbidities and pulmonary arterial hypertension (PAH) in COPD patients
Velin Stratev, Tanya Dobreva, Valentina Dimitrova, Diana Petkova, Speaker to be confirmed

Prolonged length of hospital stay associated with the type of heart failure in patients with chronic obstructive pulmonary disease
Ernesto Juarez-Leofaro, Brenda Santellano-Juarez, Arturo Orea-Tejeda, Dulce Gonzalez, Roque Gonzalez-Santillan, Juan Pineda-Juarez, Viridiana Pelaez-Hernandez, Carlos Contreras-Ramirez, Elisa Perez-Cabañes, Edna Contreras-Ramirez, Speaker to be confirmed
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<td>12:50 - 14:40</td>
<td>Thematic Poster: Asthma, COPD and ACOS: physical activity, dietary aspects and burden of diseases</td>
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**Mortality rates in individuals with asthma, COPD and ACOS in a large population-based cohort: Is gender important?**  
Camilla Båanes, Zorana Jovanovic Andersen, Kim Overvåd, Anne Tjønneland, Charlotte Suppli Ulrik, Speaker to be confirmed

**Vitamin D and respiratory health in the Busselton healthy ageing study**  
Siobhain Mulrennan, Michael Hunter, Jennie Hui, John Walsh, Mark Divitini, Matthew Knuiman, Kathy Zhu, Brian Cooke, Arthur (Bill) Musk, Alan James, Speaker to be confirmed

**Relationship of airflow limitation severity with work productivity reduction and sick leave in a Japanese working population**  
Hisamitsu Omori, Ayumi Onoue, Kenichi Kubota, Yoshiw Nonami, Toshinari Hayashi, Tohru Tsuda, Hiromasa Inoue, Speaker to be confirmed

**Exacerbations and hospitalizations due to exacerbations in asthma-COPD overlap syndrome (ACOS) in PUMA study**  
Maria Montes De Oca, Maria Victorina Lopez Varela, Maria Eugenia Laucho Contreras, Alejandro Casas, Eduardo Schiavi, Juan Carlos Mora, Speaker to be confirmed

**Elevated blood eosinophil level and costs for adults with persistent asthma**  
Trung Tran, Robert S. Zeiger, Michael Schatz, Qiaowu Li, Wansu Chen, Deepak Khatry, Sarowar Golam, Aniket A. Kawatkar, Speaker to be confirmed

**Association of COPD symptomatic burden with healthcare resource utilization and impairment on work and activity**  
Ulf Holmgren, Mark Small, Gina Bergström, Bo Ding, Speaker to be confirmed

**The association between COPD treatment adherence and patient outcomes in Europe and the US**  
Ulf Holmgren, Marco DiBonaventura, Niklas Karlsson, Gina Bergstrom, Bo Ding, Speaker to be confirmed

**Dietary fat in respiratory diseases: A multi-case control study**  
Lucia Cazzolletti, Marcello Ferrari, Roberto Bono, Liliya Chamitava, Isa Cerveri, Amelia Grosso, Pietro Pirina, Francesco Spelta, Maria Elisabetta Zanolin, Speaker to be confirmed

**Fish intake and pulmonary outcomes in COPDGene**  
Corrine Hanson, Harlan Sayles, Tara Nordgren, Russell Bowler, Speaker to be confirmed

**Exercise tests and patient-reported outcomes in COPD-patients: a systematic review**  
Martin Bell, Iain Fotheringham, Yogesh Suresh Punekar, John H. Riley, Sarah Cockle, Maurice Driessen, Sally J. Singh, Speaker to be confirmed

**Physical activity and asthma: A longitudinal Respiratory Health in Northern Europe (RHINE) study**  
Melissa Russell, Shyamali Dharmage, Francisco Real, Johanssen Ane, Vivi Schlunsen, Cecile Svanes, Speaker to be confirmed

**Associations of metabolic syndrome with physical activity according to the patterns of spirometry in Korean adults**  
Tae-Hyung Kim, Sang-Heon Kim, Jang Won Sohn, Ho Joo Yoon, Dong Won Park, Ji Young Yhi, Ji-Yong Moon, Speaker to be confirmed

**Vitamin E supplement usage and pulmonary outcomes in COPDGene**  
Corrine Hanson, Harlan Sayles, Russell Bowler, Speaker to be confirmed
The economic burden of chronic obstructive pulmonary disease in the region of Pleven, Bulgaria
Nikolay Yanev, Nikolay Kyuchukov, Ilil Krachunov, Zlatina Ivanova, Pavlina Nikolova, Plamen Pavlov, Elena Borisova, Tsania Popova, Yavor Ivanov, Speaker to be confirmed

Can disease-specific questionnaires describe the effect of comorbidities on health-related quality of life in patients with COPD? A comparison of disease-specific and generic questionnaires in the COSYCONET cohort
Margarethe Wacker, Rudolf A. Jöres, Annika Karch, Sarah Wilke, Joachim Heinrich, Stefan Karrasch, Armin Koch, Holger Schulz, Henrik Watz, Reiner Leidl, Claus Vogelmeier, Rolf Holle, Speaker to be confirmed

Health care visits among women with chronic obstructive pulmonary disease in the United States
Yewande Odeyemi, Alem Mehari, Speaker to be confirmed

Association between COPD and obesity among adults in Morocco
Abdelilah Benslimane, Adil Najdi, Mohamed El Blaze, Chakib Nejjari, Vanessa Garcia Larsen, Karima El Rhazi, Speaker to be confirmed

Link between macronutrients intake and COPD in Morocco: A cross sectional survey
Abdelilah Benslimane, Adil Najdi, Mariam Attassi, Mohammed Chakib Benjelloun, Chakib Nejjari, Vanessa Garcia Larsen, Karima El Rhazi, Speaker to be confirmed

Comparison of physical activity measures assessed by two different accelerometers in COPD patients
Stefan Karrasch, Julia Schäfer, Gabriela Kiehl, Tanja Lucke, Maike Sußmann, Agnes Luzak, Uta Ochmann, Dennis Nowak, Rudolf A. Jöres, Claus Vogelmeier, Henrik Watz, Holger Schulz, COSYCONET Study Group, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Occupational epidemiology

Psychological, quality of life, and work-limitation outcomes among occupational asthma and work-exacerbated asthma subgroups
Joshua Lipszyc, Frances Silverman, Dorothy Linn Holness, Gary Liss, Kim Lavoie, Susan Tarlo, Speaker to be confirmed

Impact of work-related respiratory symptoms on quality of life and productivity in British woodworkers
Ruth Wiggans, Jade Sumner, Ed Robinson, Chris Barber, Speaker to be confirmed

Assessment of asthma in firefighter applicants
Joanna Szram, Bernadette Fitzgerald, Susan Schofield, Paul Cullinan, Speaker to be confirmed

The impact of first occupation on the occurrence and worsening of asthma in young adults
Shlomo Moshe, Yaron Yagev, Ayala Krakov, Oren Zack, Speaker to be confirmed

The characteristics of work-related asthma in a prospective asthma cohort
Taehoon Lee, Chan Sun Park, Byung Ju Kang, Chang Sun Sim, Seung Won Ra, Kwang Won Seo, Yangjin Jegal, Jong Joon Ahn, Speaker to be confirmed

How occupational asthma is detected among workers participating medical surveillance?
Hille Suojalehto, Kirsi Karvala, Irmeli Lindström, Speaker to be confirmed

Years in farming, inhalation fever (ODTS) and smoking increases the risk for asthma and other respiratory symptoms in farmers
Anna Rask-Andersen, Speaker to be confirmed

Characterization of emphysema in active farmer’s lung disease
Thibaud Soumagne, Marie Laure Chardon, Gael Dournes, Lucie Laurent, Bruno Degano, François Laurent, Jean Charles Dalphin, Speaker to be confirmed

The utility of airfed RPE in the management of workers with metal-working fluid occupational asthma
Aslihan Çakaloglu Ilgaz, Vicky Moore, Wendy Robertson, Alastair Robertson, Sherwood Burge, Speaker to be confirmed

Respiratory symptoms in miners survived from soma mine disaster
Yavuz Havluçu, Fatma Eyyapan, Ece Kaya, Peri Arbak, Aysin Sakar Coskun, Arzu Yorgancioglu, Speaker to be confirmed

Severe emphysema in heavily indium-exposed workers: Case reports from a 10-year cohort study
Makiko Nakano, Kazuyuki Omae, Miyuki Hirata, Akiyo Tanaka, Speaker to be confirmed
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<td>Longitudinal lung function change in asbestos exposed workers in Navarra</td>
<td>Pablo Antonio Sanchez Salcedo, Belen Marin Martinez, Dunibel Morillo Vanegas, Tamara Gutierrez Urra, Izaskun Jimenez Setuain, Vega García, a Lopez, Pilar Cebollero Rivas, Javier Hueto Perez de Heredia</td>
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<td>Cross-shift lung function in relation to cotton dust and endotoxin exposure in non-smoking female textile workers: A cross-sectional study</td>
<td>Matt O'Bryan, Priyamvada Paudyal</td>
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<td>The effect of organic dust exposure on change in lung function - A systematic review</td>
<td>Anneli Clea Bolund, Martin R. Miller, Torben Sigsgaard, Vivi Schlü, nssen</td>
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<td>Working in a petroleum refinery predicts lower lung function parameters</td>
<td>Dragan Mijakoski, Jovanka Karadzinska-Bislimovska, Sasho Stoleski, Jordan Minov</td>
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<td>Silica exposure, silicosis, autoimmune diseases, tuberculosis and nontuberculous pulmonary mycobacterial disease</td>
<td>Rafael Futoshi Mizutani, Elisa Maria Siqueira Lombardi, Ubiratan de Paula Santos, Mário Terra-Filho</td>
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<td>Phenotyping occupational asthma due to isocyanates</td>
<td>Paola Mason, Gabriella Guarnieri, Maria Cristina Scarpa, Piero Maestrelli</td>
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<td>Occupational groups associated with asthma-related respiratory symptoms in a cross-sectional study from Norway</td>
<td>Regine Abrahamsen, Anne Kristin Møller, Torger Eide, Martin Veel Svendsen, Kjell Torén, Paul K. Hennesberger, Johny Kongerud</td>
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<td>Is data quality more important than data quantity in occupational asthma diagnosis from PEF records?</td>
<td>Vicky Moore, Cedd Burge, Alastair Robertson, Sherwood Burge</td>
<td>Speaker to be confirmed</td>
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<td>A new method for performing specific challenge tests to chlorine-releasing agents</td>
<td>Vicky Moore, Sherwood Burge, Edward Parkes, Alastair Robertson, Gareth Walters</td>
<td>Speaker to be confirmed</td>
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12:50 - 14:40

Thematic Poster: Public health and epidemiology of smoking and smoking related products

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<td>Change in primary care physician knowledge regarding smoking cessation after a brief training intervention</td>
<td>Charis Girvalaki, Sophia Papadakis, Constantine Vardavas, Andrew Pipe, Christos Lionis</td>
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<td>Trends in smoking habits in Europe: Are anti-smoking policies overlooking pre-adolescents?</td>
<td>Alessandro Marcon, Giancarlo Pesce, Judith Garcia Aymeric, Shyamali C. Dharmage, Christer Janson, Deborah Jarvis, Melanie Matheson, Cosetta Minelli, Torsten Zuberbier, Simone Accordini</td>
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<td>Benefit of smoking cessation forum</td>
<td>Vanessa Ashby, Alison Walsh, Elizabeth Fisher, Thida Win</td>
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<td>Associated factors for dual user of hookah and cigarette</td>
<td>Ali Abdolahinia, Zahra Hessami, Habib Emami, Mohammad Reza Masjedi</td>
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<td>Compliance to smoke-free legislation among Istanbul hospitality premises in 2015</td>
<td>Pinar Ay, Efza Evrengil, Eda Uslu Tugtepe, Murat Güner, Elif Dagli</td>
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<td>Clinical and demographical factors influencing smoking cessation rates</td>
<td>Bilgen Esmer, Tijen Şengozer, Funda Aksu, Adem Özkara, Kurtulus Aksu</td>
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<td>Low cigarette smoking prevalence in two resource-limited settings in Peru: Results from a population-based study of tobacco use by self-report and urine cotinine</td>
<td>Brooks Morgan, Kathryn M. Leifheit, Karina M. Romero, Robert H. Gilman, Antonio Bernabe-Ortiz, J. Jaime Miranda, John J. Lima, William Checkley</td>
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<td>Assessment of public awareness on COPD in Singapore in a one-day awareness campaign</td>
<td>Kelly Chng, Debby Lee, Augustine Tee</td>
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<td>Shadow report on violation of tobacco display and advertisement bans at points of sale 2015</td>
<td>Efza Evrengil, Murat Güner, Ummuhan Pece, Elif Dagli</td>
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Implementation of smokefree policies in healthcare institutions: Package approach  
Victoria Donitova, Nikolay Antonov, Galina Sakharova, Speaker to be confirmed

Determinants of cigarette smoking consumption among adolescents from Transylvania region, Romania  
Andreea Coman, Doina Todea, Speaker to be confirmed

Romanian experience in running COPD awareness campaigns  
Ramona Elena Nedelcu, Florin Dumitru Mihaltan, Amelia Ionescu, Speaker to be confirmed

The sale and distribution of tobacco products in Iran, ten years after FCTC  
Ali Abdolalhina, Alireza Javadi, Zahra Hessami, Alireza Esalminejad, Mohammad Reza Masjedi, Speaker to be confirmed

What is known about pictorial health warnings on cigarette packages in Malatya?  
Seda Beyhan Sagmen, Mikail Ozdemir, Speaker to be confirmed

Field survey of secondhand smoke (SHS) exposure from smoking housemates at home among Japanese high school students  
Naoto Watanabe, Kazunori Arai, Sohei Makino, Speaker to be confirmed

Analysis of tobacco control in Turkey through political mapping  
Tanzer Gezer, Elif Dagli, Fusun Yildiz, Osman Elbek, Speaker to be confirmed

Prevalence and associated factors of tobacco use in Tehran: BOLD study in Tehran  
Hooman Sharifi, Makan Sadr, Habib Emami, Mostafa Ghanei, Mohammad Reza Masjedi, Speaker to be confirmed

Knowledge, attitudes and behaviours of health professionals regarding the new tobacco control law in Russia  
Marine Gambaryan, Anna Kalinina, Speaker to be confirmed

Stigma and sensitization to smoking among health professionals  
A.S. Siebeneichler, G.M. Lima, F.A. Oliveira, R. Borges, R.M. Kiss, G.C. Santos, M.W. Gerbase, Speaker to be confirmed

Do general practitioners advise their patients with respiratory illnesses to quit smoking?  
Jayachandra Rao Balachandran, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: Role of genetics and exposures in COPD and asthma  
Chairs:

ALOX15 gene polymorphisms in Japanese patients with aspirin-exacerbated respiratory disease (AERD)  
Ryosuke Souma, Kenya Koyama, Akemi Koyama, Shyuzo Abe, Junichiro Morioka, Kei Sugitate, Takayoshi Fujimatsu, Hajime Arifuku, Kentaro Nakano, Tomoshige Wakayama, Hideyuki Satoh, Hirokuni Hirata, Kumiya Sugiyama Sugiyama, Yasutugu Fukushima, Speaker to be confirmed

Role of TRPV1 and TRPV2 gene polymorphisms in the development of airway hyperresponsiveness to osmotic stimuli in patients with asthma  
Denis Naumov, Juliy Perelman, Anna Prikhodko, Victor Kolosov, Elizaveta Sheludko, Speaker to be confirmed

Replication association study IREB2, CHRNA5, CHRNA3, CHRNA4, FAM13A, HTR4, and HHIP genes polymorphisms with chronic obstructive pulmonary disease in Tatar population from Russia  
Guly F. Korytina, Leysan Z. Akhmadishina, Kristina Y. Knyazeva, Yuliya G. Aznabaeva, Tatyana V. Viktorrova, Shamal Z. Zagiuldin, Speaker to be confirmed

Systematic dissection of ORM DL3 function in vitro and in vivo  
Youming Zhang, Charlotte Dean, Stephan Loeser, Lisa Gregory, Clare Lloyd, Miriam Moffatt, William Cookson, Speaker to be confirmed

Transgenerational epigenetics: Maternal and grandmaternal gestational smoking influences DNA methylation of the AHR gene  
Veereesh K. Patil, Nandini Mukherjee, Gabrielle Lockett, Hongmei Zhang, Wilfried Karmaus, John W. Holloway, S. Hasan Arshad, Speaker to be confirmed
Cardio-metabolic disorder in grandparents associated with asthma in offspring: Results from a European 3-generation analysis
Anne-Elie Carsin, Francisco Real, Xavier Basagana, Simone Accordini, Shyamali Dharmage, Vivi Schlüssen, Brynðís Benediktsdóttir, Benedicte Leynaert, Christer Janson, Jordi Sunyer, Julia Dratva, Debbie Jarvis, Cecilie Svanes, Speaker to be confirmed

Association between candidate gene polymorphisms and asthma severity in adults. A Bayesian analysis
Lucia Calciano, Laura Portas, Cristina Bombieri, Marcello Ferrari, Giovanni Malerba, John R. Thompson, Simone Accordini, Speaker to be confirmed

Effects of ICS/LABA treatment on hyperinflation and genome wide gene-expression in upper airway epithelium in severe COPD
Kai Imkamp, Alen Faiz, Erica van der Wiel, Ilse Boudewijn, Gerard Koppelman, Corry-Anke Brandsma, Huib Kerstjens, Wim Timens, Sebastiaan Vroegop, Henk Pasma, Wim Boersma, Pascal Wielders, Frank van den Elshout, Khaled Mansour, Katrina Steiling, Avrum Spira, Marc Lensburg, Irene Heijink, Dirkje Postma, Maarten van den Berge, Speaker to be confirmed

Alpha-1 antitrypsin phenotype determination using sebia isoelectrofocusing on dried blood spot samples
Stefania Ottaviani, Valentina Barzon, Laura Divizia, Angelo Guido Corsico, Ilaria Ferrarotti, Speaker to be confirmed

Influence of ADR2 gene polymorphism on the level of bronchial obstruction and body mass index in patients with bronchial asthma
Vladyslava Kmyta, Anna Bondarkova, Lyudmyla Prystupa, Speaker to be confirmed

Variants of apelin gene and COPD
Ender Coskunpinar, Engin Aynaci, Abdullah Melekoglu, Pinar Yildiz, Speaker to be confirmed

Detection of alpha1-antitrypsin deficiency in a European country without national registry yet
Leonor da Hora Lopes Meira, Rita Boaventura, Susana Seixas, Maria Sucena, Speaker to be confirmed

Characterization of microbiome in patients with lung cancer comparing with benign mass-like lesions
Jisoo Choi, Moo Suk Park, Dong Eun Yong, Ji Yeon Sung, Sang Hoon Lee, Eun Hye Lee, Ji Eun Park, Mi Hwa Shin, Speaker to be confirmed

meQTL analysis of asthma GWAS loci and DNA methylation
Ashish Kumar, Cilla Söderhäll, Simon Merid, Chengjian Xu, Olena Gruzieva, Gerard Koppelman, Juha Kere, Göran Pershagen, Erik Melén, Speaker to be confirmed

Interactions of genetic variants and DNA-M of TSLP modify the eczema risk
Rumana Siddique, Hongmei Zhang, Hasan Arshad, John Holloway, Wilfried Karmaus, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: What's new in paediatric respiratory physiology
Chairs:
The functional capacity of children with post-infectious obliterative bronchiolitis
Nuala Harnett, Ruth Lamb, Matthew Thomas, Samantha Moss, Speaker to be confirmed

Poor agreement between haemoglobin oxygen saturation measured by pulse oximetry and arterialized earlobe blood gas in ambulatory paediatric sickle cell patients
Sean Zheng, Gary Ruiz, Fiona Chan, Subarna Chakravorty, Cara Bossley, David Rees, Atul Gupta, Speaker to be confirmed

Post-operative lung function impairment in infants with congenital diaphragmatic hernia
Malin Rohdin, Peter Radell, Alejandro Sanchez Crespo, Sten Erik Bergström, Speaker to be confirmed

Does physical activity affect respiratory muscle strength?
Nidhal Talib, Erol Gaillard, Maria Viskaduraki, Caroline Beardsmore, Speaker to be confirmed

Effect of salbutamol on respiratory muscle strength in children with SMA: A pilot study
Sonia Khirani, Ivana Dubaj, Alessandro Amaddeo, Jorge Olmo-Arroyo, Stéphane Tirolien, Véronique Coudert, Brigitte Estournet, Brigitte Fauroux, Susana Quijano-Roy, Speaker to be confirmed

Effect of inspiratory resistive loading on diaphragmatic muscle function of preterm and term infants
Sotirios Fouzas, Aggeliki Vervenioti, Gabriel Dimitriou, Speaker to be confirmed

Applicability of interrupter technique to assess airways resistance in term and preterm infants
Déborah Demann, Jakob Usemann, Pinelopi Anagnostopoulou, Urs Frey, Philipp Latzin, Speaker to be confirmed
Ventilatory efficiency in children and adolescents born extremely preterm
Julie Hestnes, Hedda Hoel, Ola Røksund, Bente Frisk, Einar Thorsen, Thomas Halvorsen, Maria Vollsæter, Hege Clemm, Speaker to be confirmed

Oxidative stress in ciliated nasal epithelial cells from patients with primary ciliary dyskinesia
Ana Reula, Amparo Escribano, Silvia Castillo, Sara Pastor, Silvia Vicente, Armengot Miguel, Francisco Jose Dasi Fernandez, Irene Garcia, Speaker to be confirmed

Lung clearance index is stable in most primary ciliary dyskinesia (PCD) patients managed in a specialist centre: A pilot study
Samantha Irving, Siobhan Carr, Claire Hogg, Michael Loebinger, Amelia Shoemark, Andrew Bush, Speaker to be confirmed

Characteristics of exercise induced bronchoconstriction in asthmatic children according to exhaled nitric oxide
Aurélie Tatopoulos, Claude Bonabel-Chone, Silvia Demoulin-Alexikova, Iulia Ioan, François Marchal, Cyril Schweitzer, Speaker to be confirmed

Monitoring respiratory rate from pulse oximeter plethysmogram analysis in acutely wheezy young children
David Wertheim, Cathy Olden, Sophie Banks, Rebecca Ramsay, Liz Symes, Catherine Bevan, Paul Seddon, Speaker to be confirmed

Impaired respiratory mechanics are not associated with an increased risk of perioperative respiratory complications in children
Anoop Ramgolam, Zoltan Hantos, Guicheng Zhang, Britta Regli Von-Ungern Sternberg, Graham Hall, Speaker to be confirmed

Forced oscillation technique outcomes do not predict higher risk of perioperative respiratory complications in obese children
Anoop Ramgolam, Zoltan Hantos, Guicheng Zhang, Britta Regli Von-Ungern Sternberg, Graham Hall, Speaker to be confirmed

Calculation of Sc0nd between 0 and 3 lung turn over (Sc0nd*) in mild to moderate chronic lung disease
Sylvia Nyilas, Anja Bigler, Sophie Yammine, Cordula Koerner-Rettberg, Isabelle Rochat, Alexander Moeller, Gaudenz Hafen, Carmen Casaulta, Philipp Latzin, Florian Singer, Speaker to be confirmed

Comparison of functional residual capacity (FRC) from two multiple breath washout (MBW) systems and body plethysmography
Katie Bayfield, Eric Alton, Samantha Irving, Jane Davies, Speaker to be confirmed

Validation of nitrogen washout (N2-WO) for measurement of lung clearance index (LCI) and functional residual capacity (FRC) in preschoolers
Emma Raywood, Julie Duncan, Laura Viviani, Andy Bush, Paul Aurora, Speaker to be confirmed

Comparison of lung function in Congolese vs African American children
Michele Arigliani, Mario C. Canciani, Leon Thsilolo, Robert Kitenge, Tontonp Mfuanani, Paola Cogo, Philip H. Quanjer, Speaker to be confirmed

Concordance between oscillometric and spirometric lung function measures in bronchodilator response test for the detection of airway obstruction
HyeMi Jee, Eun Gyo Ha, Ho Min Jang, Seung Jin Lee, Youn Ho Shin, Ji Hyeon Baek, Kyung Suk Lee, Young Ho Jung, Man Yong Han, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Drugs, bugs, BMI and other problems in paediatric asthma

Treatment pattern of inhaled corticosteroids in preschool children across Norwegian counties
Ingvild Mikalsen, Øystein Karlstad, Kari Furu, Knut Øymar, Speaker to be confirmed

A "real life" study on height in prebupertal asthmatic children receiving inhaled steroids
Elpis Hatziagorou, Vasiliki Avraamidiou, Maria Papagianni, Maria Karailidou, Dafni Papanikolaou, Despoina Terzi, Fotis Kirvassiliotis, Ioannis John Tsanakas, Speaker to be confirmed

Real life experience of omalizumab on selected children with severe allergic asthma
Rania Abusamra, Sarah Latham, Shrabani Chakraborty, Marc Woodman, Cara Bossley, Gary Ruiz, Atul Gupta, Speaker to be confirmed
Broncho dilator response to salbutamol delivered by metered dose inhaler with spacer versus dry powder inhaler in acute asthma in children
Saifuddin Khaled, Firoza Akter, Speaker to be confirmed

The role of allergen immunotherapy in children with mild to moderate asthma
Djordje Filipovic, Ivana Djuric-Filipovic, Speaker to be confirmed

Once-daily tiotropium Respimat® add-on therapy improves PEF in participants aged 6-17 years with symptomatic asthma
Eckard Hamelmann, Christian Vogelberg, Jonathan A. Bernstein, Thomas Harper III, Petra Moroni-Zentgraf, Michael Engel, Georges El Azzi, Helen Finnigan, Stanley J. Szefler, Speaker to be confirmed

Allergen specific immunotherapy: Effect on immunological markers and clinical outcomes in asthmatic children
Ivana Filipovic, Zorica Zivkovic, Djordje Filipovic, Speaker to be confirmed

Efficacy and safety of inhaled corticosteroids in combination with a long-acting beta2-agonist in asthmatic children under age 5
Elpida Hatzizagorou, Dafni Papanikolaou, Despoina Terzi, Penelope Anagnostopoulou, Fotios Kirvassilis, John Tsanakas, Speaker to be confirmed

Effect of vitamin d therapy on the pulmonary functions in pediatric asthma and allergic rhinitis
Keyan Lahiri, Fehmida Najmuddin, Khushal Avasthi, Speaker to be confirmed

Bronchodilator responsiveness after ICS treatment
Snezhina Lazova, Guergana Petrova, Dimitrinka Miteva, Vera Papochieva, Penka Perenovska, Speaker to be confirmed

Prescription of asthma medications in preschool children across Norwegian counties
Ingvild Mikalsen, Øystein Karlstad, Kari Furu, Knut Øymar, Speaker to be confirmed

Allergic bronchopulmonary mycosis due to rhizopus nigricans in two siblings with and without CF?
Stefanie Benzrath, Anne Schlegtendal, Folke Brinkmann, Cordula Koerner-Rettberg, Speaker to be confirmed

Study of therapeutics effects of montelukast in asthmatic children
Gordana Kostic, Slavica Markovic, Zoran Igrutinovic, Zorica Raskovic, Jelena Nestorovic, Marina Petrovic, Nevenka Illic, Vida Pavlovic, Speaker to be confirmed

Antileukotriens in management of paediatric asthma: The hormon-reducing force
Marina Arama, Tatiana Gorelco, Tatiana Kuleshina, Speaker to be confirmed

Duration of inhaled corticosteroid therapy in children with asthma and frequency of community-acquired pneumonia in them
Zoia Nesterenko, Speaker to be confirmed

Safety of tiotropium Respimat® add-on therapy in patients aged 6-17 years with symptomatic asthma
Christian Vogelberg, Stanley J. Szefler, Eckard Hamelmann, Attilio Boner, Petra Moroni-Zentgraf, Michael Engel, Georges El Azzi, Helen Finnigan, Mark Vandewalker, Speaker to be confirmed

Evaluation of disorders upper airway in children with asthma associated with gastroesophageal reflux disease
Ianos Adam, Svetlana Sciuca, Rodica Selevestru, Speaker to be confirmed

Basic self-reports as an indicator of physical activity
Thomas Westergren, Karin C. Lødrup Carlsen, Kai-Håkon Carlsen, Petter Mowinckel, Liv Fegran, Sveinung Berntsøen, Speaker to be confirmed

Sex differences in the prevalence of rhinitis: A systematic review and meta-analysis
Mariona Pinart, Theresa Keller, Andreas Reich, Matthias Fröhlich, Bárbara Cabieses, Cynthia Hohmann, Dirkje S. Postma, Jean Bousquet, Josep M. Antó, Thomas Keil, Speaker to be confirmed

Analysis of the inflammatory profile of children with controlled and uncontrolled severe asthma
Miriam Eller, Karina Vergani, Beatriz Saraiva-Romholo, Leila Antonangelo, Thais Maud, Joaquim Rodrigues, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Cystic fibrosis - miscellaneous
Chairs:
Effect of nebulizer system on tobramycin concentration using functional respiratory imaging (FRI)
Aukje Bos, Cedric Van Holsbeke, Jan De Backer, Hettie Janssens, Wim Vos, Harm Tiddens, Speaker to be confirmed

Ivacaftor-as effective in clinical practice?
Ayesha Aziz, Julia Borowicz-Klementowicz, Helen Barker, Christopher Johnson, Nadia Shafi, Charles Haworth, Andres Floto, Uta Hill, Speaker to be confirmed

Risk of asthma in heterozygous carriers for cystic fibrosis: A meta-analysis
Anne Orholm Nielsen, Sadaf Qayum, Pierre Nourdine Bouchelouche, Lars Christian Laursen, Ronald Dahl, Morten Dahl, Speaker to be confirmed

Changes in total IgE levels predict pulmonary outcome in cystic fibrosis related allergic bronchopulmonary aspergillosis
Florian Gothe, Matthias Kappler, Matthias Griese, Speaker to be confirmed

National survey of hearing assessment in patients with cystic fibrosis in the UK
Rania Abusamra, Atul Gupta, Speaker to be confirmed

How useful is the lung ultrasound in cystic fibrosis?
Ioana Ciucu, Liviu Pop, Monica Marc, Cristian Oancea, Speaker to be confirmed

The burden of sinus disease in CF candidates for lung transplantation
Letizia Corinna Morlacchi, Mark Greer, Igor Tudorache, Francesco Blasi, Tobias Welte, Jochen G. Mainz, Jens Gottlieb, Speaker to be confirmed

Endothelial dysfunction in children and young adults with cystic fibrosis - A combined diagnostic approach of plethysmographic and biochemical markers: New applications
Marcela Kreslova, Aneta Masopustová, Petr Jehlicka, Michal Huml, Radka Bittenglová, Ladislav Trefil, Josef Šýkora, Speaker to be confirmed

Respiratory commensal streptococcus spp do not modulate the outcome of pseudomonas aeruginosa infection in vivo
Aduragbemi Faniyi, Alice Dubois, Michael Tunney, Rebecca Ingram, Speaker to be confirmed

Newborn screening for cystic fibrosis in Spain
Silvia Gartner, Maria J. Alonso, Joan Figuerola, Josep Sirvent, Pedro Mondejar, Carlos Martin, Valle Velasco, Adelaida Lamas, Carlos Vazquez, Amparo Escribano, Maria J. Cabero, Estela Ruiz, Oscar Asensio, Maria Coll, Alicia Callejón, Antonio Aguilar, Maribel Barrios, Gloria Garcia, José R. Villa, Isabel Pellecin, Isidoro Cortell, Speaker to be confirmed

VE/VCO2 and VO2/WR exercise testing slopes can reflect HRCT damages in cystic fibrosis youths
Asterios Kampouras, Elpis Hatzizagorou, Vasiliki Avramidou, Vasiliki Georgopoulou, Despoina Terzi, Dafni Papanikolaou, Fotis Kirvassilis, Ioannis John Tsanakas, Speaker to be confirmed

Multi-center validation study on feasibility of multiple-breath washout technique in infants and toddlers with cystic fibrosis
Mirjam Stahl, Cornelia Joachim, Simon Gräber, Sandra Barth, Isabell Baumann, Gesa Diekmann, Matthias Kopp, Lutz Nürlich, Marcus Mall, Speaker to be confirmed

13:00 - 14:15
Assembly members' meeting: Assembly 2 Respiratory intensive care
Incl. Groups 2.1 Acute critical care and 2.2 Non-invasive ventilatory support
Chair: Chair to be confirmed

13:00 - 14:15
Assembly members' meeting: Assembly 4 Clinical physiology, sleep and pulmonary circulation
Incl. Groups 4.1 Clinical respiratory physiology, exercise and functional imaging, 4.2 Sleep and control of breathing and 4.3 Pulmonary circulation and pulmonary vascular disease
Chair: Chair to be confirmed

13:00 - 14:15
Assembly members' meeting: Assembly 8 Thoracic surgery and transplantation
Incl. Groups 8.1 Thoracic surgery and 8.2 Transplantation
Chair: Chair to be confirmed
13:00 - 14:15
Assembly members' meeting: Assembly 10 Respiratory Infections
Incl. Groups 10.1 Respiratory infections and 10.2 Tuberculosis
Chairs: Chair to be confirmed

13:00 - 14:15
Assembly members' meeting: Assembly 11 Thoracic oncology
Incl. Groups 11.1 Lung cancer and 11.2 Pleural and mediastinal malignancies
Chairs: Chair to be confirmed

13:00 - 14:30
Championship: 2016 Respiratory Championship
Become a champion in respiratory medicine
Aims: Watch the four teams compete in this state-of-the-art review of the major fields of respiratory medicine and give it a try yourself by answering the questions with your mobile devices.
Tag(s): Clinical
Target audience: Junior member, Pulmonologist, Trainee, Respiratory physician
Chairs: Konrad E. Bloch (Zurich, Switzerland), Chair to be confirmed

Léman
Speaker to be confirmed

Team 2

Team 3

Team 4

13:00 - 14:30
Lunchtime session: Climate change and respiratory health
new perspectives
Aims: Allergic asthma is a heterogeneous disease that is strongly influenced by environmental factors. Many of these factors are influenced by meteorological events and climate change that vary in type and intensity across the world. This session will focus on aspects related to weather and climate conditions which produce their varied effects on this disease, and on the future influence of global climate change and its influence on environmental exposures.
Target audience: Missing
Chairs: Stephen T. Holgate (Southampton, United Kingdom), Chair to be confirmed

13:00  Climate change, air pollution and allergic respiratory diseases
Gennaro D'Amato (Naples, Italy)

13:22  Infectious diseases
Isabella Annesi Maesano (Paris, France)

13:44  Biodiversity and its impact on health
Tari Haahtela (Helsinki, Finland)

14:06  Occupational diseases
Lorenzo Cecchi (Florence, Italy)

13:00 - 14:30
Lunchtime session: Vitamin D and asthma prevention, COPD screening and bronchoscopic lung volume reduction in emphysema
A joint ERS-JAMA lunchtime session
Aims: During this lunchtime, the audience will learn about the evidence on whether high-dose prenatal vitamin D supplementation can prevent childhood asthma; whether the available evidence supports population screening or targeted case finding to identify patients with unrecognised COPD; and about the benefits and risks of bronchoscopic lung volume reduction interventions for patients with advanced emphysema.
Tag(s) : Clinical
Target audience : Clinicians
Chairs : Guy Brusselle (Ghent, Belgium), George O'Connor (Boston, United States of America)

13:00  Can high-dose prenatal vitamin D supplementation prevent childhood asthma?
       Hans Bisgaard (Copenhagen, Denmark)

13:30  Screening and case-finding to detect unrecognised COPD
       Fernando J. Martinez (New York, United States of America)

14:00  Bronchoscopic lung volume reduction interventions for severe emphysema
       Speaker to be confirmed

13:00 - 14:30
Lunchtime session: AJRCCM - Blue Journal in 2016: a joint ERS lunchtime

Aims : The aim of this session is to provide a deeper insight into medical publishing and advice on submission processes and how to get a paper published.

Target audience : Doctors in training, early career researchers, physicians, clinical academics and scientists

Chairs : Meilan Han (Ann Arbor, United States of America), Wisia Wedzicha (London, United Kingdom), Peter M.A. Calverley (Liverpool, United Kingdom)

13:00  Highlights in critical care in AJRCCM
       Laurent Brochard (Toronto, Canada)

13:22  Moving forward with asthma in AJRCCM
       Speaker to be confirmed

13:44  Advances in COPD and ILD AJRCCM
       Meilan Han (Ann Arbor, United States of America), Speaker to be confirmed

14:06  AJRCCM: towards our centenary
       Wisia Wedzicha (London, United Kingdom)

14:45 - 16:45
Symposium: Complications and comorbidities in idiopathic pulmonary fibrosis

Aims : Idiopathic pulmonary fibrosis (IPF) is a progressive disease of unknown aetiology that associates with high mortality. The treatment options are limited. The two most common comorbidities that associate with IPF are emphysema and pulmonary hypertension (PH). Both worsen the prognosis of IPF. The prevalence of combined pulmonary fibrosis and emphysema (CPFE) may be as high as 35% (Cottin 2013). PH in IPF has not been extensively studied but its reported incidence ranges from 32% to 84% (Lettieri et al., 2006 and Nadrous et al., 2005). These comorbidities in IPF are a major challenge for both physicians and scientists. The treatment options are limited, largely because of the lack of understanding of the underlying pathophysiology. Moreover, different guidelines that recommend how to treat these comorbidities in IPF are lacking. A session where the perspectives of scientists and physicians on comorbidities in IPF can be discussed has not been organised previously. We hope that the present session will further our understanding of the pathogenetic pathways that underlie the deleterious effects of comorbidities in IPF and will help to optimise the management of patients with IPF and comorbidities.

Tag(s) : Translational
Chairs : Christian M. Kähler (Wangen im Allgäu, Germany), Athol Wells (London, United Kingdom)

14:45  The cellular and molecular basis
       Oliver Eickelberg (Munich, Germany)

15:15  Genetic and environmental factors of IPF
       Ivana V. Yang (Denver, United States of America)

15:45  Emphysema in IPF
       Vincent Cottin (Lyon, France)

16:15  Pulmonary hypertension and IPF
       Soni Savai Pullamsetti (Bad Nauheim, Germany)

14:45 - 16:45
Symposium: New tools for the early diagnosis of acute respiratory distress syndrome

Aims : The attendees will become aware of how acute respiratory distress syndrome (ARDS) is defined, the pulmonary and systemic biomarkers of ARDS, and how to detect and prevent early ARDS.
Track(s) : Intensive care
Tag(s) : Clinical
Chairs : Tobias Welte (Hannover, Germany), Theodoros Vassilakopoulos (Kantza, Greece)

14:45  Can we predict ARDS?
Paolo Pelosi (Milan, Italy)

15:15  Molecular diagnosis
Carolyn Calfee (San Francisco, United States of America)

15:45  Exhaled air analysis
Lieouwe Bos (Amsterdam, Netherlands)

16:15  Diagnosing pulmonary oedema and permeability
Antonio Artigas (Sabadell, Spain)

14:45 - 16:45
Symposium: Childhood asthma causation
Is it the air they breathe or the food they eat?

Aims: The aims of this session are to provide up-to-date state-of-the-art summaries of the evidence linking ambient air exposure and dietary exposures to childhood asthma; some of the underlying mechanisms will also be reviewed. The evidence linking accelerated growth and childhood obesity to childhood asthma will be summarised, and an overview of developmental programming will be provided. Finally, how environmental factors could influence the development of asthma via epigenetic mechanisms will be described.

Track(s) : Epidemiology / Environment Paediatric
Tag(s) : Translational
Chairs : Stephen Turner (Aberdeen, United Kingdom), Franca Rusconi (Florence, Italy)

14:45  Ambient air exposures and childhood asthma causation
Olena Gruzieva (Stockholm, Sweden)

15:15  Early dietary encounters and childhood asthma
Graham Devereux (Aberdeen, United Kingdom)

15:45  Early childhood weight gain: feeding later asthma symptoms?
Liesbeth Duijts (Rotterdam, Netherlands)

16:15  How could environmental exposures influence asthma risk: epigenetics?
John Holloway (Southampton, United Kingdom)

14:45 - 16:45
Symposium: Implementation of collaborative lung function testing

Aims: The aim of this session is to describe a novel collaborative approach to lung function testing in which respiratory specialists provide remote support to community healthcare providers. This approach will improve the efficiency and cost-effectiveness of healthcare, especially in situations where there are epidemics of chronic diseases. The usefulness of this approach with forced spirometry will be described because it is the first diagnostic procedure to be deployed in the field with this approach. However, this approach is also likely to be useful in different geographical areas and with other specialised diagnostic techniques.

Track(s) : Epidemiology / Environment Physiology
Tag(s) : Clinical
Chairs : Irene Steenbruggen (Zwolle, Netherlands), Karin Lisspers (Gagnef, Sweden)

14:45  ERS Spirometry Driving Licence: spirometry training and the benefits of quality measurements
Brendan Cooper (Birmingham, United Kingdom)

15:15  Regional deployment of collaborative lung function testing: is the Catalan experience transferable to other settings?
Felip Burgos (Barcelona, Spain)

15:45  Interoperability in healthcare: benefits and challenges
Rachelle Kaye (Bet Shemesh, Israel)

16:15  Impact in a health care system of a global access to quality spirometry
Speaker to be confirmed
**Grand round: Radiology**

**Aims:** The aim of this interactive session is to promote a multidisciplinary approach for diagnosis and treatment of lung disease. At the end of this session, participants should be able to give the best diagnostic strategy based on the clinical examination and radiological findings in different situations. ERS organises jointly this session with ESR/ESTI.

**Tag(s):** Clinical

**Target audience:** Pneumologists and non-pneumologists, clinicians, radiologists, pathologists, junior physicians and senior physicians, who want to improve their knowledge in the field.

**Chairs:** Dominique Valeyre (Paris, France), Venerino Poletti (Forlì, Italy)

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<tr>
<td>14:45</td>
<td><strong>Time as the fourth dimension of radiology: a patient with diffuse lung disease (interstitial lung disease)</strong></td>
<td>Sara Piciucchi (Forlì, Italy)</td>
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<td>15:15</td>
<td><strong>Nodular lung disease</strong></td>
<td>Cornelia Schaefer-Prokop (Amersfoort, Netherlands), Speaker to be confirmed</td>
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<td>15:45</td>
<td><strong>A patient with dyspnea</strong></td>
<td>Heinrike Wilkens (Homburg/Saar, Germany), Speaker to be confirmed</td>
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<td>16:15</td>
<td><strong>Pneumonia and fever: pulmonary infection</strong></td>
<td>Claus Peter Heussel (Heidelberg, Germany)</td>
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**Hot topics: Is sleep apnoea causing cancer?**

**Aims:** The aim of this hot topic session is to provide the audience with an update of our current knowledge on the potential relationship between sleep apnoea and cancer. Recent data from animal models of both intermittent hypoxia and sleep fragmentation suggest that these challenges characterising obstructive sleep apnea enhance tumor growth and metastasis. Moreover, recent studies in general populations and in patients with suspected sleep apnoea also suggest an association between cancer incidence/mortality and sleep apnoea, although some studies did not observe a positive relationship. The amount of current evidence on this novel and emergent topic has some limitations: data from animal models cannot be directly translated to humans and observational studies only provide indirect evidence. The Hot Topic will present the current evidence available, will focus on its limitations and will identify lacking research and potential clinical implications.

**Track(s):** [Sleep](#) [Oncology](#)

**Tag(s):** Translational

**Chairs:** Renata L. Riha (Edinburgh, United Kingdom), Maria Bonsignore (Palermo, Italy)

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<td>14:45</td>
<td><strong>Clinical data</strong></td>
<td>Miguel Ángel Martínez García (Valencia, Spain)</td>
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<tr>
<td>15:15</td>
<td><strong>Animal studies</strong></td>
<td>Ramón Farré Ventura (Barcelona, Spain)</td>
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<td>15:45</td>
<td><strong>Continuous vs intermittent hypoxia mechanisms in cancer</strong></td>
<td>Silke Ryan (Dublin, Ireland), Speaker to be confirmed</td>
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<tr>
<td>16:15</td>
<td><strong>Limitations of current data and clinical perspective</strong></td>
<td>Patrick Levy (Grenoble, France)</td>
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**Hot topics: Traffic air pollution in urban areas**

**Aims:** The symposium aims to highlight the latest concerns regarding the increasing burden of urban, traffic-derived air pollution, notably particulate matter and diesel exhaust particles (DEP), on human respiratory and cardiovascular health. By the end of the session, delegates will have learned about the issues relating to the impact of the source, size fraction and components of particulate matter on their bioreactivity and pulmonary and cardiovascular health; the modulation of diesel exhaust particle physicochemistry and bioreactivity due to addition of commercial nanoceria; the mechanisms by which inhaled particulate matter might induce adverse respiratory and cardiovascular effects; novel data on the impact of gasoline-derived particles on normal and diseased human respiratory epithelium; and novel insights into the role of DEP activation of transient receptor potential (TRP) ion channels in sensory nerve activation and cough.

### Track(s): [Detail](#)
Adverse effects of traffic-derived airborne particulate matter: recent health and scientific evidence
Flemming Cassee (Utrecht, Netherlands)

Respiratory effects of diesel exhaust particles: real-life exposure studies and moderating effect of ceria additive in vitro
Speaker to be confirmed

Bioreactivity and fate of nanoparticles deposited at the pulmonary epithelial interface: focus of traffic derived particulate matter
Marianne Geiser (Bern, Switzerland)

Novel mechanism of diesel exhaust particle-induced cough: specific activation of transient receptor potential (TRP) channels in vagal sensory afferent nerves
Maria Gabriela Belvisi (London, United Kingdom)

Impact of whole body vibration training on balance and muscle power in patients with severe COPD - A randomized, controlled trial
Rainer Gloeckl, Ulrike Bengsch, Inga Jarosch, Tessa Schneeberger, Klaus Kenn, Speaker to be confirmed

High intensity interval training increases the clinical control, aerobic fitness and decreases dyspnea in severe asthmatics
Ronaldo Aparecido da Silva, Patrícia Gonçalves Leite Rocco, Flavio Mazzucatto, Alberto Cukier, Rafael Stelmach, Milton Arruda Martins, Celso Ricardo Fernandes Carvalho, Speaker to be confirmed

Carbon-dioxide oscillations during six-minute walk test in patients with very severe COPD
Vasileios Andrianopoulos, Lowie E.G.W. Vanfleteren, Inga Jarosch, Rainer Gloeckl, Emiel F.M. Wouters, Martijn A. Spruit, Klaus Kenn, Speaker to be confirmed

Influence of critical hyperinflation in exercise capacity improvement after pulmonary rehabilitation in severely obstructed patients
Vanessa Maria Ferreira dos Santos, Rita Boaventura, Leonor Meira, Paula Martins, Luís Gaspar, Paulo Viana, Emília Araújo, Isabel Gomes, Speaker to be confirmed

Comparison of activities of daily living in patients with chronic thromboembolic pulmonary hypertension (CTEPH) and idiopathic pulmonary arterial hypertension (IPAH)
Ivan Ivanaga, Melline Della Torre de Almeida, Gabriela Figliolino, João Victor Rolim, Roberta Pulcheri Ramos, Eloara Vieira Machado Ferreira, Angelo Cepeda, Carolina S.M. Messina, Luiz Eduardo Nery, José Roberto Jardim, Jaqueline Sonoe Ota Arakaki, Oliver Augusto Nascimento, Speaker to be confirmed

Exercise-induced oxygen desaturation determinants including pulmonary emphysema in COPD: ECLIPSE data

Longitudinal change in ultrasound measurement of rectus femoris cross-sectional area in COPD
Alex Labey, J.L. Canavan, C.M. Nolan, S.E. Jones, S.S.C. Kon, M.I. Polkey, M. Maddocks, W.D.C. Man, Speaker to be confirmed

Automatically adjusted oxygen flow rates to stabilize oxygen saturation during exercise in O2-dependent and hypercapnic COPD
Isabelle Vivodtzev, Erwan L'Héritier, Claire Yankoff, Angélique Grangier, Gabrielle Vottero, Valérie Mayer, Daniel Veale, François Malats, François Lellouche, Jean-Louis Pépin, Speaker to be confirmed
Quality of life and peak oxygen uptake are impaired one year after allogeneic hematopoietic stem cell transplantation
Stephanie Dirou, Arnaud Chambellan, Patrice Chevallier, Patrick Germaud, Pierre Peterlin, Guillaume Lamirault, Alice Garnier, Thierry Guillaume, Béatrice Delasalle, Bastien Perrot, Antoine Magnan, François-Xavier Blanc, Patricia Lemarchand, Speaker to be confirmed

Is the sit-to-stand test (STST) a valuable tool for the evaluation of the impact of a pulmonary rehabilitation program (PRP) in COPD? Results from the French cohort rehaeffort from IRSR des Pays de Loire
Arnaud Chambellan, Trija Vaidya, Claire de Bisschop, Hakima Oukssel, Laurence Nourry, Anne Vincent, Speaker to be confirmed

A multicentre validation of the 1-minute sit-to-stand test in COPD patients
Sarah Crook, Konrad Schultz, Nicola Lehbert, Gilbert Büsching, Danijel Jelusic, Stephan Keusch, Michael Wittmann, Michael Schuler, Thomas Radtke, Alexander Turk, Martin Frey, Milo Puhlan, Anja Frei, Speaker to be confirmed

Gait pattern in patients with COPD and controls during the 6-minute walk test
Wai-Yan Liu, Martijn Spruit, Jeanett Delbressine, Paul Willems, Frits Franssen, Emiel Wouters, Kenneth Meijer, Speaker to be confirmed

The reliability and validity of the 4 metre gait speed (4MGS) in idiopathic pulmonary fibrosis (IPF)
Claire M. Nolan, Matthew Maddocks, Jane L. Canavan, Sarah E. Jones, Samantha S.C. Kon, Athol U. Wells, David M. Hansell, Joseph Jacobs, Paul Cullinan, Toby M. Maher, William D.-C. Man, Speaker to be confirmed

Longitudinal validity of the five-repetition sit-to-stand in COPD
Sarah Jones, Jane Canavan, Claire Nolan, Alex Labey, Matthew Maddocks, Samantha Kon, Michael Polkey, William Man, Speaker to be confirmed

Ultrasound assessment of quadriceps muscle in COPD patients: Functional and clinical implications
Carlos Guajardo, Eloisa Montt, Felipe Contreras, Speaker to be confirmed

Repeatability and validity of the Incremental shuttle walk test (ISWT) distance among adults with severe asthma
Sally Majd, Stacey Hewitt, Ruth Green, Peter Bradding, Sally Singh, Rachael Evans, Speaker to be confirmed

Aerobic training decreases pulmonary inflammation and airway hyperresponsiveness in a model of diet-induced obesity

Poster Discussion: Unmasking the mechanisms of symptom and exercise limitation in disease
Chairs:

"It’s all bad": Fear avoidance beliefs predict lack of differentiation between dyspnea dimensions in anticipation of exercise-related dyspnea
Thomas Janssens, Speaker to be confirmed

Physical activity in patients with asthma
Thomas Bahmer, Anne Kirsten, Fee Schatz, Christian Herzmann, Benjamin Waschki, Klaus F. Rabe, Henrik Watz, Speaker to be confirmed

Physical activity in COPD and its relationship to exercise performance and sleep
Stéphanie Saxer, Elisabeth Hasler, Michael Furian, Konrad Bloch, Silvia Ulrich, Speaker to be confirmed

Descriptors of exertional dyspnea across the COPD severity spectrum
Katherine Webb, Denis O’Donnell, Alberto Neder, Speaker to be confirmed

Structural determinants of exercise ventilatory inefficiency in mild-to-moderate COPD
Joshua Jones, Joel Zelt, Ingrid Raftery, Luiza Castanhas, Daniel Hirai, Denis O’Donnell, J. Alberto Neder, Speaker to be confirmed

Relationships between the sensation of activity limitation and functional abilities in asthma patients
Francois Vermeulen, Audrey Chirumberro, Peter Rummins, Marie Bruyneel, Vincent Ninane, Speaker to be confirmed
Prediction of maximal oxygen uptake at high altitude
Min-Yeong Kang, Bernard Sapoval, Speaker to be confirmed

Respiratory timing and dynamic hyperinflation during incremental exercise in patients with COPD
Bente Frisk, Birgitte Espehaug, Jon Andrew Hardie, Liv Inger Strand, Rolf Moe-Nilssen, Tomas Mikal Eagan, Per Bakke, Einar Thorsen, Speaker to be confirmed

Relationship between dysfunctional breathing and exercise-induced bronchoconstriction in athletic populations
Irisz Karolina Levai, James H. Hull, Greg Whyte, John W. Dickinson, Speaker to be confirmed

Physiological determinants of reduced tolerance to interval exercise in moderate-to-severe COPD
Daniela Bravo, Ana Cristina Gimenes, Maria Clara Alencar, Beatriz Amorim, Daniel Hirai, Dennis O’Donnell, J. Alberto Neder, Luiz Eduardo Nery, Speaker to be confirmed

Associations between lung diffusion impairment, ventilatory inefficiency and exercise intolerance in mild to very severe COPD
Conor O’Donnell, Katherine Webb, Alberto Neder, Denis O’Donnell, Speaker to be confirmed

$\text{CO}_2$ inhalation attenuates exercise-induced rise of pulmonary artery pressure under acute hypoxia condition
Stephane Doutreleau, Irina Enache, Cristina Pistea, Bernard Geny, Anne Charloux, Speaker to be confirmed

Effect of hyperoxia on exercise performance in COPD: Randomized trial
Silvia Ulrich, Stéphanie Saxer, Elisabeth Hasler, Michael Furian, Konrad Bloch, Speaker to be confirmed

Low physical activity and exertional desaturation associated with mortality in idiopathic pulmonary fibrosis
Baruch Vainselboim, Jose Oliveira, Ben Fox, Mordechai Kramer, Speaker to be confirmed

Modeling of oxygen uptake kinetics during exercise testing in patients with chronic obstructive pulmonary diseases (COPD)
Florent Baty, Christian Ritz, Arnoldus van Gestel, Martin Brutsche, Daniel Gerhard, Speaker to be confirmed

Comparison of cardiopulmonary responses between a new spot marching test and six minute walk test in mild to moderate COPD patients
Vatcharaporn Khaweephab, Chulee Jones, Chatthai Phimphasak, David Jones, Speaker to be confirmed

Endurance training increases quadriceps oxidative profile in COPD: A RCT of two major training modalities
Ulrik Winning Iepsen, Gregers Druedal Wibe Munch, Mette Rugbjerg, Morten Zacho, Bente Klarlund Pedersen, Ylva Hellsten, Thomas Ringbæk k, Pia Thaning, Peter Lange, Speaker to be confirmed

Ventricular-arterial coupling is preserved during exercise in patients with COPD
Neil Eves, Jinelle Gelinas, Speaker to be confirmed

14:45 - 16:45
Poster Discussion: Paediatric respiratory infection
Chairs:

Risk factors for intensive care and respiratory support among infants with bronchiolitis
Minna Mecklin, Paula Heikkilä, Matti Korppi, Speaker to be confirmed

Blood gas analysis in acute bronchiolitis - Who and when?
Stefan Unger, Christopher Halliday, Steve Cunningham, Speaker to be confirmed

Severe acute viral bronchiolitis: A genetic entity
Alfonso E. Alvarez, Fernando A.L. Marson, Carmem S. Bertuzzo, Juliana C.S. Santiago, Emilio C.E. Baracat, Antonia T. Tresoldi, Mariana T.N. Romanelli, Patricia G. Schlodtmann, Ester Correa, Celze C.B. Almeida, Therezinha Oliveira, Maria Luisa F. Miranda, Marcelo C. Reis, Jose Vicente de Pieri, Clarisse W. Arns, Jose Dirceu Ribeiro, Speaker to be confirmed

Airway function in preterm babies before and after viral bronchiolitis during the first year after birth
Charlotte Palme Kilander, Paraskevi Kosma, Maria Hammargren, Karin Lidberg, Speaker to be confirmed

Influence of single nucleotide polymorphisms in post-bronchiolitis wheezing
Alfonso E. Alvarez, Fernando A.L. Marson, Carmem S. Bertuzzo, Juliana C.S. Santiago, Emilio C.E. Baracat, Antonia T. Tresoldi, Mariana T.N. Romanelli, Patricia G. Schlodtmann, Ester Correa, Celze C.B. Almeida, Therezinha Oliveira, Maria Luisa F. Miranda, Marcelo C. Reis, Jose Vicente De Pieri, Clarisse W. Arns, Jose Dirceu Ribeiro, Speaker to be confirmed
The effect of L-Arginine on cilia beat frequency in PCD patients, non-PCD referrals and healthy controls
Panayiotis Kouis, Andreas Hadjisavvas, Marianna Nearchou, Kyriacos Kyriacou, Panayiotis Yiallouros, Speaker to be confirmed

Airway disease and inhaled corticosteroids (ICS) in children with primary ciliary dyskinesia (PCD)
Eleonora Dehlink, Charlotte Richardson, Gemma Marsh, Kiri Pares, Angela Jamaldzadeh, Andy Bush, Claire Hogg, Siobhan B. Carr, Speaker to be confirmed

Azithromycin therapy in children with postinfectious bronchiolitis obliterans
Zeynep Seda Uyan, Levent Midyat, Erkan Çakir, Yasemin Gökdemir, Nihal Sahin, Canan Baydemir, Velat Sen, Ahmet Hakan Gedik, Ela Erdem, Fazilet Karakoç, Bülent Karadag, Refika Ersu, Speaker to be confirmed

The obstacle race of post-infectious bronchiolitis obliterans (PIBO): Prognostic factor analysis
Cátia Pereira, Carolina Constant, Ana Margarida Silva, Teresa Bandeira, Speaker to be confirmed

Lung clearance index in patients with bronchiolitis obliterans
Martin Rosewich, Felix Michel, Nebiyat Filate-Belachew, Ralf Schubert, Stefan Zielen, Speaker to be confirmed

Active tuberculosis among adolescents in a high endemic area
Elena Dantes, Claudia L. Toma, Cristian Oancea, Ligia Puiu, Petronela Ariadna Fildan, Speaker to be confirmed

Comparing respiratory virus burden among infants across emergency care and in-patient settings
Adrian Trenholme, Shirley Lawrence, Cameron Grant, Namrata Prasad, Claire Newbern, Angela Todd, Tim Wood, Sue Huang, Speaker to be confirmed

Multidisciplinary interventions to improve narrow spectrum antibiotic use in pediatric community acquired pneumonia
Mustafa Ghulam, Speaker to be confirmed

Cytokine and chemokine profile in a cohort of children with community acquired pneumonia
Joseph L. Mathew, Sofia Ygberg, Sunit Singhi, Vikas Gautam, Shanie Saghaefian-Hedengren, Anna Nilsson, Speaker to be confirmed

Change in the management of pneumonia with pleural effusion in children following implementation of a new decision tree
Isabelle Rochat, Cristina Felice Civitillo, Pierre-Alex Crisinel, Speaker to be confirmed

Pleural irrigation in the treatment of thoracic empyema in children, experience in a pediatric hospital in Mexico
Salvador Garcia Maldonado, Alejandro Vasquez Contreras, Arsenio Hernandez Flota, Felipe Sanchez Loza, Speaker to be confirmed

Technology depended children. Quality of life, days of hospitalization and cost effect from a home care program
Elisavet-Anna Chrysochoou, Fotios Kirvassilis, Epila Hatzigorou, John Tsanakas, Speaker to be confirmed

The effectiveness of AMBU-bag to recruit ribcage volume in spinal muscle atrophy
Antonella Lo Mauro, Chiara Mastella, Giovanni Baranello, Andrea Aliverti, Speaker to be confirmed

14:45 - 16:45
Poster Discussion: Kaleidoscope of respiratory nursing
Chairs:
Nurses' knowledge and abilities gaps concerning health care of COPD patients: Window for improvement
Ilda De Godoy, Duelene Ludmila Nogueira, Irma Godoy, Speaker to be confirmed

Impact of therapeutic education program for COPD patients on preventing readmissions (APRENDEEPOC)
Carme Hernandez Carcereny, Nuria Seijas, Ana Folch, Mariana Roman, Isabel Orts, Jesus Aibar, Cristina Esquinas, Loreto Macia, Speaker to be confirmed

Development of pre-admission information for referrals with suspected interstitial lung disease to a specialist unit
Charlotte Hogben, E. Renzoni, A.U. Wells, M. Kokosi, F. Chua, T.M. Maher, A.M. Russell, Speaker to be confirmed
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Speaker to be confirmed</th>
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<tbody>
<tr>
<td>Experiences of training-adherence in a 12 weeks home-based IMT program for individuals with COPD</td>
<td>Dorthe Soerensen, Marie Ernst Christensen</td>
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<td>Respiratory nurse specialists prioritise experiences of living with COPD differently from patients with COPD and their carers</td>
<td>Samantha Prigmore, Ann Caress, June Warden, Janelle Yorke</td>
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<tr>
<td>Feasibility of web-based protocol in a 12 weeks home-based IMT program for individuals with COPD</td>
<td>Dorthe Soerensen, Helle Svenningsen</td>
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<td>Home care and benefit in days of hospitalization, cost and quality of life for children with cystic fibrosis</td>
<td>Elpida Hatziagorou, Elianna Chrysochoou, Fotis Kirvassilis, Dafni Papanikolaou, Despoina Terzi, Lemonia Nousia, John Tsanakas</td>
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<td>Preferences for end-of-life care in patients with COPD</td>
<td>Carmen Houben, Martijn Spruit, Emiel Wouters, Herman-Jan Pennings, Jacques Creemers, Geertjan Wesseling, Vivian Kampen-van den Boogaart, Daisy Janssen</td>
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<td>Impact of the Wessex Asthma Cohort (WATCH) study on recruitment to research</td>
<td>Yvette Thirlwall, Fernando Gonzalez, Claire Barber, Kerry Gove, Kamran Tariq, Paddy Dennison, Ramesh Kurukularrachy</td>
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<td>Links between psychological factors and health-related quality of life in pulmonary hypertension</td>
<td>Emma Cole, Iain Armstrong, Katie Cutts</td>
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<td>The patient’s role in the choice of new inhaler devices and dosing regimens for asthma and COPD: A preference study</td>
<td>Terry Robinson, Nicola Bell</td>
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<td>Ascertaining baseline knowledge of oxygen therapy and respiratory failure</td>
<td>Nicola Garner, Paul Deegan, Hassan Burhan, Ida Ryland</td>
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<tr>
<td>Is anxiety and depression a barrier to enrolment in a study in chronic obstructive pulmonary disease (COPD)?</td>
<td>Karen Marshall, Chris Stenton, Debbie Carrick-Sen, Julia Newton, Christine Baker, Anthony De Soyza</td>
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<td>Assessment of pain and nutritional status in patients suffering from lung cancer</td>
<td>Sandra Karabatic, Sanja Pleš, Tanja Zovko, Andreja Šajnic</td>
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14:45 - 16:45

Poster Discussion: Possible phenotypes of bronchiectasis and exacerbations

Chairs:

- Rheumatoid arthritis is a common and important comorbidity in bronchiectasis: Data from the EMBARC European bronchiectasis registry
  - Anthony De Soyza, Melissa J. McDonnell, John Davidson, Pieter C. Goeminne, Adam T. Hill, Eva Polverino, Stefano Aliberti, James D. Chalmers, On Behalf of EMBARC

- Objective videomicroscopy parameters correlate ciliary beating to ultrastructure in primary ciliary dyskinesia
  - Sylvain Blanchon, Marie Legendre, Mathieu Bottier, Aline Tamalet, Guy Montantin, Nathalie Collot, Sylvie Tessier, Estelle Escudier, Jean-Francois Papon, Bruno Louis

- Characteristics of adults with primary ciliary dyskinesia in a bronchiectasis referral clinic
  - Michal Shteinberg, Najwan Nasralla, Sonya Schnee, Anat Amital, Nili Stein, Yochai Adir

- Nasal nitric oxide measurement and a score of key clinical features for the screening of primary ciliary dyskinesia in patients with non-cystic fibrosis bronchiectasis
  - Jessica Rademacher, Anna Buck, Jan Fuge, Mareike Price, Nicolaus Schwerk, Tobias Welte, Felix C. Ringshausen

- Characteristic of a subgroup of non cystic fibrosis bronchiectasis with concomitant asthma
  - Federico Lorenzo Dente, Maria Adelaide Roggi, Manuela Latorre, Elena Bacci, Barbara Vaggagini, Silvana Cianchetti, Dario Nieri, Pierluigi Paggiaro

- Bronchiectasis is common in severe asthma
  - Katerina Dimakou, Adamantia Liapikou, Michail Toubis, Anna Gkousiou, Serafeim Chrysikos, Kyriaki Tsikritsaki, Loukas Thanos, Christina Triantafyllidou
Impact of bronchiectasis on the course of COPD
Vanya Kostadinova, Yordan Radkov, Temenuga Stoeva, Darina Miteva, Speaker to be confirmed

Chronic inhaled corticosteroids in patients with bronchiectasis who suffer an exacerbation
Edmundo Rosales Mayor, Victoria Alcaraz Serrano, Isabel Amara-Elori, Beatriz Montull, Alexandra Gimeno, Gerard Muñoz, Montserrat Vendrell, Rosa María Girón, Rosario Menendez, Polverino Eva, Antoni Torres, Speaker to be confirmed

Pseudomonas aeruginosa isolates in bronchiectasis: What particularies and risk factors?
Haifa Zaibi, Lamia Missaoui, Jihen Ben Amar, Nada Fezai, M. Ali Baccar, Salwa Azzebi, Besma Dhahri, Hichem Aouini, Speaker to be confirmed

Exacerbations of bronchiectasis requiring hospitalization; clinical characteristics and outcomes
Guillermo Suarez-Cuartin, Anna Feliu, Ana Rodrigo-Troyano, Ferran Sanchez-Reus, Diego Castillo, Vicente Plaza, Marcos I. Restrepo, Stefano Aliberti, James D. Chalmers, Oriol Sibila, Speaker to be confirmed

Acute exacerbation in patients with bronchiectasis: What prognostic factors?
Haifa Zaibi, Lamia Missaoui, Besma Dhahri, Nada Fezai, Salwa Azzebi, M. Ali Baccar, Jihen Ben Amar, Hichem Aouini, Speaker to be confirmed

Factors influencing hospital stay for acute exacerbations of bronchiectasis
Lamia Missaoui, Haifa Zaibi, Nada Fezai, Besma Dahri, Mohamed Ali Baccar, Saloua Azzabi, Jihen Ben Ammar, Hichem Aouini, Speaker to be confirmed

Pulmonary targeted antibiotics in bronchiectasis; inhalers vs. nebulisers. A qualitative and quantitative assessment of patients’ attitudes
John Davison, Donna McEvoy, Gareth Davies, Richard Lee, Rapley Tim, Anthony De Soyza, Speaker to be confirmed

Inhaled colistin in patients with non - cystic fibrosis bronchiectasis and chronic pseudomonas aeruginosa bronchial infection
Castañeda Matto, Richard Piñarré, Manuel Vilá, Ferran Barbé, Montserrat Martínez, Purificación Florensa, Speaker to be confirmed

Baseline profiles of subjects randomised in RESPIRE 2 trial of ciprofloxacin dry powder for inhalation (DPI) in non-CF bronchiectasis (NCFB) by pathogen and prior exacerbation rate
Timothy Aksamit, Tiemo-Joerg Bandel, Margarita Criollo, Anthony De Soyza, Stuart Elborn, Elaine Montegriffio, Elisabeth Opperschall, Eva Polverino, Kevin Winthrop, Robert Wilson, Speaker to be confirmed

Atorvastatin as novel treatment in bronchiectasis patients colonized with pseudomonas aeruginosa
Pallavi Bedi, James Chalmers, Pira Sarvananathu, Adrian Rossi, Adam Hill, Speaker to be confirmed

Long-term randomized controlled trial to evaluate the efficacy of low expiration with the open glottis in the lateral posture (ELTGOL) in patients with bronchiectasis (BC)
Gerard Munoz Castro, Javier de Gracia Roldan, Maria Buxó, Pujolras, Antoni Alvarez Fernandez, Gladis Sabater Talaverano, Eric Rojas Calvera, Montserrat Vendrell Relat, Speaker to be confirmed

Pneumococcal vaccination in bronchiectasis- an area for improvement?
Eve Palmer, Nicholas Lane, John Davison, Donna McEvoy, Anthony De Soyza, Speaker to be confirmed

14:45 - 16:45
Poster Discussion: The challenge of the increasing complexity of chronic care management to ethics and costs in our health care system

Dulimumab reduces severe exacerbation-related costs among asthma patients: Results from a phase 2b trial
Jonathan Corren, Pascal Chanez, Mario Castro, Leonardo Fabbri, Vijay N. Joish, Robert E. Evans, Neil M.H. Graham, Vera Mastey, Sara Villeneuve, Gaëlle Le Bagousse, Christine Taniou, Puneet Mahajan, Ariel Teper, Gianluca Pirozzi, Laurent Eckert, Speaker to be confirmed

Cost impact of a multidisciplinary clinic for children with problematic severe asthma
Karen Kam, Alberto Nettel-Aguirre, Ian Mitchell, David Johnson, Gillian Currie, Speaker to be confirmed

Decision analytic models in COPD/asthma: A critical review of current evidence
Vaibhav Gaur, Jaideep Gogtay, Probit Ghosh, Speaker to be confirmed

Modelling cost effectiveness of a COPD pathway using the Star approach; could cognitive behavioural therapy (CBT) be cost effective in preventing panic-associated admissions?
Richard Hall, Richard Glover, Richard Harrety, Speaker to be confirmed
### Oral Presentation: Highlights in management of COPD and beyond

#### Chairs:

<table>
<thead>
<tr>
<th>Time</th>
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<th>Speaker</th>
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<tr>
<td>14:45</td>
<td>The CANT score: Predicting mortality in exacerbations of chronic obstructive pulmonary disease</td>
<td>Eskandaranir Shafuddin, Manisha Cooray, Christine Tuffery, Sandra Hopping, Glenda Sullivan, Catherina D. Chang, Robert Hancox, Speaker to be confirmed</td>
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<tr>
<td>15:00</td>
<td>LSC Abstract – Potential use of β-blockers to reduce COPD exacerbations</td>
<td>Lies Lahousse, Phoebe De Nocker, Albert Hofman, Bruno Stricker, Guy Brusselle, Katia Verhamme, Speaker to be confirmed</td>
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<td>15:15</td>
<td>Eligibility for lung cancer screening in Australia and the effect on screening eligibility of using spirometry to identify COPD</td>
<td>David Manners, Jennie Hui, Michael Hunter, Alan James, Matthew Knuiman, Annette McWilliams, Siobhain Mulrennan, Bill Musk, Fraser Brims, Speaker to be confirmed</td>
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<td>15:30</td>
<td>Risk of CAP in COPD stratified by smoking status: A population-based cohort study in the UK</td>
<td>Dionne Braeken, Gernot Rohde, Frits Franssen, Johanna Driessen, Tjeerd van Staa, Patrick Souverein, Emiel Wouters, Frank de Vries, Speaker to be confirmed</td>
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<td>15:45</td>
<td>Cerebral oxygenation in lowlanders with COPD spending a night at 2590m</td>
<td>Michael Purian, Deborah Flueck, Philipp M. Scheiwiller, Séverine Mueller-Mottet, Sara E. Hartmann, Marc Poulin, Batyr Osmonov, Lorenz Urner, Adrian Steiniger, Malcolm Kohler, Tsogyal D. Latshang, Silvia Ulrich, Konrad E. Bloch, Speaker to be confirmed</td>
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<td>16:00</td>
<td>Time-to-treatment failure in the Belgian randomized controlled trial with azithromycin for acute COPD exacerbations requiring hospitalization</td>
<td>Kristina Vermeersch, Stephanie Everaerts, Vincent Ninane, Maria Gabrovska, Joseph Aumann, Griet Deslypere, Ingel K. Demedts, Jean-Louis Corhay, Eric Marchand, Hans Slabbynck, Michiel Haerens, Christel Haenelbalcke, Walter Vincken, Shane Hanon, Rudi Peché, Antoine Fremault, Tine Lauwerier, Guy G. Brusselle, Wim Janssens, Speaker to be confirmed</td>
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<td>16:15</td>
<td>Weight loss, food intake and mortality in hospitalized patients with chronic obstructive pulmonary disease (COPD): The NutritionDay survey analysis</td>
<td>Mitja Lainscak, Annemie Schols, Jerneja Farkas, Isabella Sulz, Michael Themossi-Huber, Alessandro Laviano, Sigrid Kosak, Michael Hiesmayr, Karin Schindler, Speaker to be confirmed</td>
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<td>16:30</td>
<td>Risk scores for predicting death in COPD patients</td>
<td>Michal Svoboda, Jan Svancara, Jiri Jarkovsky, Barbora Novotna, Patrice Popelkova, Marek Plutinsky, Kristian Brat, Jaromir Zatloukal, Eva Volakova, Karel Hejdak, Eva Kocova, Michal Kopecky, Katerina Neumannova, Miroslava Fecaninova, Petr Safranek, Tomas Dvorak, Ondrej Sobotik, Zuzana Liptakova, Lucie Heribanova, Blanka Snelerova, Marie Majerciakova, Pavlina Musilova, Vladimir Koblik, Speaker to be confirmed</td>
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### 14:45 - 16:45

**Oral Presentation: Molecular pathways of smoking induced diseases**  
*Chairs:*

14:45  
**Reduced phagocytic capacity of blood monocyte/macrophages in tuberculosis patients is further reduced by smoking**  
Mahshid Aryanpur, Esmaeil Mortaz, Mohammad Reza Masjedi, Seyed Mohammad Reza Aryan, Payam Tabarsi, Johan Garssen, Ian M. Adcock, Speaker to be confirmed

15:00  
**Cigarette smoking in patients newly-diagnosed with pulmonary tuberculosis**  
Mahshid Aryanpur, Mohammad Reza Masjedi, Esmaeil Mortaz, Zahra Hessami, Mohammad Reza Aryan, Gholamreza Heydari, Mostafa Hossei, Hooman Sharifi, Masoud Baikpour, Payam Tabarsi, Speaker to be confirmed

15:15  
**Relationship between cigarette (nicotine) addiction and dopamine receptor D2 gene variants (TaqlA and -141C Ins/Del)**  
Ulgen Sever, Mehmet Atilla Uysal, Yedikule Smoking Cessation Study Group, Sacide Pehlivan, Speaker to be confirmed

15:30  
**The neurogenic inflammation markers in rat's brain in experimental smoking**  
Vera Nevzorova, Natalia Zakharchuk, Elena Gonchar, Speaker to be confirmed

15:45  
**The impact of acute smoke exposure on selected biomarkers in exhaled breath condensate in COPD patients and healthy smokers**  
Marta Maskey-Warzechowska, Patrycja Nejman-Gryz, Katarzyna Osinka, Paulina Lis, Kamila Małeся, Katarzyna Gorska, Rafał Krenke, Speaker to be confirmed

16:00  
**Analysis of CY P2A6 and CY P2A13 genes using new generation sequencing method in smokers and non-smokers.**  
Sacide Pehlivan, Mehmet Atilla Uysal, Tülin Çagatay, Cigdem Keklik Cinar, Feyza Erkan, Ulgen Sever, Zuleyha Bingol, Mustafa Pehlivan, Yedikule Smoking Cessation Study Group, Sadrettin Pençe, Speaker to be confirmed

16:15  
**The dopamine receptor D4 VNTR 48bp gene variant in nicotine addiction**  
Mehmet Atilla Uysal, Ulgen Sever, Smoking Cessation Study Group, Sacide Pehlivan, Speaker to be confirmed

### 14:45 - 16:45

**Oral Presentation: Cystic fibrosis: monitoring and management**  
*Chairs:*

14:45  
**Annual change of LCI among patients with cystic fibrosis**  
Vasiliki Avramidou, Elpis Hatziagorou, Despoina Terzi, Dafni Papankolalou, Lemony Noursia, Fotis Kirvassilis, John Tsanakas, Speaker to be confirmed

15:00  
**Lung clearance index in young children with atypical CF**  
Elisa Andreatta, Sonia Volpi, Luigi Lubrano, Carlo Castellani, Laura Menin, Corrado Vassanelli, Ciro d’Orazio, Speaker to be confirmed

15:15  
**Tracking pulmonary exacerbations in preschool children using the lung clearance index**  
Sanja Stanojevic, Renee Jensen, Hailey Webster, Mica Kane, Maria Este Pizarro, Stephanie Davis, George Retsch-Bogart, Padmina Subbarao, Felix Ratjen, Speaker to be confirmed

15:30  
**Early detection of pulmonary exacerbations in children with cystic fibrosis by electronic home monitoring of symptoms and lung function**  
Edward Dompeling, Marieke van Horck, Bjorn Winkens, Rijn Jobsis, Geertjan Wesseling, Speaker to be confirmed

15:45  
**Oxygen-enhanced MR (OE-MR): Correlation to CT Brody score in cystic fibrosis patients**  
Katharina Martini, Christian Bendel, Geoff Parker, Stephan Baumüller, Jose Ulfö, Alex Morgan, Thomas Frauenfelder, Speaker to be confirmed

16:00  
**Surfactant dysfunction in cystic fibrosis: Mechanisms and reversal with a cyclodextrin drug**  
Francis H.Y. Green, Mustafa Mustafa Al-Saiedy, Lasantha Gunasekara, Candice Bjornson, Ailian Yang, Andrea Chiu, Mark Montgomery, John Dennis, Matthias Amrein, Speaker to be confirmed

16:15  
**Interim results for INSPIRE-CF: A 24-month RCT evaluating effects of weekly supervised exercise in children with CF**  
Sean Ledger, Angie Wade, Helen Douglas, Laura Sarria, Paul Rayner, Allan Goldman, Alessandro Giardini, S. Ammani Prasad, Paul Aurora, Eleanor Main, Speaker to be confirmed
14:45 - 16:45

Oral Presentation: Paediatric bronchology I

Chairs:

14:45 Paediatric flexible and rigid bronchoscopy in European centres - State of the art
Dirk Schramm, Yin Yu, Deborah Snijders, Kostas Priftis, Petr Pohuneck, Speaker to be confirmed

15:00 Early pulmonary phenotype in Hermansky-Pudlak syndrome: Analysis of the chILD-EU registry
Meike Hengst, Poonima Mahavadi, Lutz Naehlich, Joerg Grosse-Onnebrink, Suzanne Terheggen-Lagro, Andreas Güther, Matthais Griese, Speaker to be confirmed

15:15 Permanent bronchial stents in left mainsteam bronchus: closed follow up and low–risk interventions to manage potential fatal complications
Paola Serio, Raffaella Nenna, Marco Di Maurizio, Roberto Leone, Bruno Murzi, Antonella Frassanito, Roberto Baggi, Lorenzo Mirabile, Fabio Midulla, Speaker to be confirmed

15:30 How much protracted is protracted bacterial bronchitis (PBB)?
Vasilis Grammeniatis, Marios Papadopoulos, Barbara Boutopoulou, Jordanis Papadopoulos, Efthymia Alexopoulou, Kostas Priftis, Konstantinos Douros, Speaker to be confirmed

15:45 Twenty years of research into bronchopulmonary dysplasia
Liudmila Zhelenina, Alevtina Bogdanova, Svetlana Starevskaya, Ildar Mustafaev, Juriyi Gorelik, Mariya Kuropatenko, Speaker to be confirmed

16:00 Neurocognitive disorders and sleep in primary ciliary dyskinesia children
Tugba Sismanlar, Ayse Tana Aslan, Alper Ceylan, Azime Sebnem Soysal Acar, Isil Irem Budakoglu, Tansu Ulukavak Çiftçi, Oguz Kökçürek, Speaker to be confirmed

14:45 - 16:45

Oral Presentation: Best abstracts on the role of exercise and physical activity in chronic respiratory disease

Chairs:

14:45 Effects of a training program including downhill walking in COPD: A randomized controlled trial
Carlos Augusto Camillo, Christian Osadnik, Matthias Loeckx, Fernanda M.M. Rodrigues, Miek Hornikx, Heleen Demeyer, Stephanie Everaerts, Karen Maes, Chris Burtin, Wim Janssens, Thierry Troosters, Speaker to be confirmed

15:00 Inspiratory muscle training in addition to physical exercise for idiopathic pulmonary fibrosis
Maria Nykvist, Magnus Sköld, Giovanni Ferrara, Gun Faager, Speaker to be confirmed

15:15 Inspiratory muscle training for patients with chronic obstructive pulmonary disease (IMTCO study): A multicentre randomised controlled trial
Noppawan Charususin, Rik Gosselink, Marc Decramer, Alison McConnell, Didier Saey, Francois Maltais, Eric Derom, Stefanie Vermeersch, Yvonne Heijdra, Linda Garms, Rainer Gloeckl, Klaus Kenn, Daniel Langer, Speaker to be confirmed

15:30 Improvement in obstructive sleep apnea syndrome after a tailored behavioural medicine intervention targeting healthy eating and physical activity
Helena Igelström, Mats, Margareta Emtner, Pernilla Åslund, Eva Lindberg, Speaker to be confirmed

15:45 Implementation of the physical activity guidelines in lung cancer: The CAPACITY study
Catherine Granger, Louis Irving, Phillip Antippa, Lara Edbrooke, Selina Parry, Kuan-Yin Lin, Alexandra Eriksen, Joel Martin, Daniel Steinfort, Linda Denehy, Speaker to be confirmed

16:00 The importance of being physically active on functional decline in patients with COPD
Heleen Demeyer, David Donaire-Gonzalez, Ignasi Serra Pons, Josep M. Anto, Judith Garcia-Aymerich, PAC-COPD Study Group, Speaker to be confirmed

16:15 How much time spent per day in sedentary behavior increases mortality risk in patients with COPD?
Karina C. Furlanetto, Leila Dona, Maria, Lorena Paltanin Schneider, José Roberto Lopes, Marcos Ribeiro, Karen Barros Parron Fernandes, Carlos Augusto Camillo, Nidia Aparecida Hernandez, Fabio Pitta, Speaker to be confirmed

14:45 - 16:45

Oral Presentation: Advances in diagnosis and monitoring tuberculosis treatment

Chairs:
Visual detection of mycobacterium tuberculosis by loop-mediated isothermal amplification
Ehsan Aryan, Alireza Neshani, Hamid Sadeghian, Hadi Safdari, Speaker to be confirmed

Availability of PCR for second-line drugs in Europe
Graham H. Bothamley, Christoph Lange, Speaker to be confirmed

Predictive factors for a positive BAL Xpert MTB/RIF in BAL AFB smear negative PTB patients who are sputum scarce or AFB smear negative
Yingjuan Mok, Hang Siang Wong, Carmen Kam, Thean Yen Tan, Tunn Ren Tay, Pei Yee Tiew, Chuin Siau, Speaker to be confirmed

The role of Tbc-PCR by EBUS-TBNA samples in the diagnosis of tuberculous intrathoracic lymphadenopathy
Young Min Lee, Speaker to be confirmed

Rapid monitoring of tuberculosis treatment response: A multi-centre study
Wilber Sabiti Sabiti, Ruth Bowness Bowness, Stephen H. Gillespie Gillespie, Panbiome Consortium, Speaker to be confirmed

The pharmacogenomics in the personalization of isoniazid treatment of patients with tuberculosis
Maria Celeste da Silva Alcobia, Luis Nogueira, Miguel Villar, Carlos Robalo Cordeiro, Carlos Fontes Ribeiro, Fernando Regateiro, Henriqueta Coimbra Silva, Speaker to be confirmed

Delayed sputum smear conversion due to cigarette smoking in active pulmonary tuberculosis
Islam Mejri Ep Ajili, Soumaya Ben Saad, Achref Ben Tkhayet, Hafaoua Daghfous, Fatma Tritar, Speaker to be confirmed

Oral Presentation: Late-breaking translational research in lung cancer

LSC Abstract – A requirement for IKKa in lung adenocarcinoma
Malamati Vreka, Ioannis Lilis, Maria Papageorgopoulou, Magda Spella, Antonia Marazioti, Anastasios D. Giannou, Theodora Agalioti, Georgios T. Stathopoulos, Speaker to be confirmed

A novel inhibition of NLRP3 attenuates malignant profile of lung adenocarcinoma in-vitro
Matan Siterman, Sheila Lengier, Noa Ofir, Noy Nachmias, Lea Zadik, Michal Rotem, Meital Yadgar, Yehuda Schwarz, Amir Bar-Shai, Speaker to be confirmed

Tumor cell-derived osteopontin promotes lung metastasis via both cell-autonomous and paracrine pathways
Ioanna Giopanou, Vasileios Papaleonidopoulos, Ioannis Lilis, Nikolaos Kanellakis, Theodora Agalioti, Georgios Stathopoulos, Speaker to be confirmed

Effect of 17-oxo-DHA alone and in combination with gemcitabine on lung cancer cell growth
Liboria Siena, Mark Gjomarkaj, Maria Ferraro, Andreina Bruno, Chiara Cipollina, Serena Di Vincenzo, Elisabetta Pace, Speaker to be confirmed

Encapsulation of vinorelbine in polymeric nanoparticles improves efficacy in cancer cells and reduces inflammation in non-cancer cells
Alexander Cryer, Pakatip Ruenraroensak, Teresa Tetley, Andrew Thorley, Speaker to be confirmed

RBM5 overexpression reverses acquired resistance to gefitinib in PC9/AB2 NSCLC cells
Jie Zhang, Xuejiao Lv, Yuqiu Hao, Qi Wang, Guangping Meng, Lin Zhang, Zhenzhong Su, Speaker to be confirmed

IL-17C promotes tumor-associated inflammation and lung tumor growth
Christopher Jungnickel, Lina Bittigkoffer, Andreas Kamyschnikow, Christian Herr, Robert Bals, Christoph Beisswenger, Speaker to be confirmed

Group members' meeting: 6.1 Epidemiology and 6.4 Genes and environment
Chairs: H. Marike Boezen (Groningen, Netherlands), Torben Sigsgaard (Aarhus, Denmark), Anne Lindberg (Boden, Sweden), Jennifer Quint (London, United Kingdom)

Group members' meeting: 1.2 Rehabilitation and chronic care
Chairs: Ioannis Vogiatzis (Athens, Greece), Frits M.E. Franssen (Horn, Netherlands)
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Chairs</th>
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</thead>
<tbody>
<tr>
<td>17:00 - 17:50</td>
<td>Group members' meeting: 1.6 General practice and primary care</td>
<td>Hilary Pinnock (Edinburgh, United Kingdom), Janwillem Kocks (Groningen, Netherlands)</td>
</tr>
<tr>
<td>17:00 - 17:50</td>
<td>Group members' meeting: 3.2 Airway cell biology and immunopathology</td>
<td>Clifford Taggart (Belfast, United Kingdom), Silke Meiners (Munich, Germany)</td>
</tr>
<tr>
<td>17:00 - 17:50</td>
<td>Group members' meeting: 9.1 Respiratory function technologists/scientists</td>
<td>Jellien Makonga-Braaksma (Woudenberg, Netherlands), Waldemar Tomalak (Rabka-Zdroj, Poland)</td>
</tr>
<tr>
<td>17:00 - 17:50</td>
<td>Group members' meeting: 9.2 Physiotherapists</td>
<td>Daniel Langer (Leuven, Belgium), Chris Burtin (Diepenbeek, Belgium)</td>
</tr>
<tr>
<td>17:00 - 17:50</td>
<td>Group members' meeting: 9.3 Nurses</td>
<td>Bettina Korn (Dublin, Ireland), Georgia Narsavage (Morgantown, United States of America)</td>
</tr>
<tr>
<td>18:00 - 18:50</td>
<td>Group members' meeting: 1.4 Interventional pulmonology</td>
<td>Jouke T. Annema (Amsterdam, Netherlands), Prashant Nemichand Chhajed (Mumbai, India)</td>
</tr>
<tr>
<td>18:00 - 18:50</td>
<td>Group members' meeting: 3.3 Mechanisms of lung injury and repair</td>
<td>Martin Kolb (Hamilton, Canada), Melanie Koenigshoff (Munich, Germany)</td>
</tr>
<tr>
<td>18:00 - 18:50</td>
<td>Group members' meeting: 7.5 Neonatology and Paediatric Intensive Care</td>
<td>Charles Christoph Roehr (Oxford, United Kingdom), Bülent Taner Karadag (Istanbul, Turkey), Kostas Priftis (Haidari, Athens, Greece), Suzanne Terheggen-Lagro (Rotterdam, Netherlands), Liesbeth Duijts (Rotterdam, Netherlands), Deborah Snijders (Ponzano Veneto, Italy)</td>
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<tr>
<td>18:00 - 18:50</td>
<td>Group members' meeting: 5.1 Airway pharmacology and treatment</td>
<td>Reinoud Gosens (Groningen, Netherlands), Paul Kirkham (Wolverhampton, United Kingdom)</td>
</tr>
<tr>
<td>18:00 - 18:50</td>
<td>Group members' meeting: 7.2 Paediatric asthma and allergy</td>
<td>Bart Rottier (Groningen, Netherlands), Alexander Möller (Zurich, Switzerland)</td>
</tr>
<tr>
<td>18:00 - 18:50</td>
<td>Group members' meeting: 7.3 Cystic fibrosis; 7.4 Paediatric respiratory infection and immunology</td>
<td>Ian Balfour-Lynn (London, United Kingdom), Mark Everard (Perth, Australia), Jürg Barben (St. Gallen, Switzerland), Vanessa Craven (Wetherby, United Kingdom)</td>
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07:00 - 08:15
Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Challenging clinical cases: CC3 Problematic application of mechanical ventilation

**Aims:** To discuss cases of acute respiratory distress syndrome (ARDS) and chronic obstructive pulmonary disease (COPD) that were very difficult to ventilate; to present how the problems were overcome; and to foster the discussion with participants on these and other cases.

**Track(s):** Intensive care

**Tag(s):** Clinical

**Chairs:** Brigitte Fauroux (Paris, France)

- **Difficult ventilation in COPD patients**
  - Raffaele Scala (Arezzo, Italy)

- **Difficult ventilation in ARDS patients**
  - Marcus Schultz (Amsterdam, Netherlands)

07:00 - 08:15
Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Challenging clinical cases: CC4 Major challenges in thoracic surgical oncology

**Aims:** To provide insights into the different categories of oncology patients who are marginal surgical candidates; the optimal work-up for this subset of patients; and the factors that influence treatment outcome.

**Track(s):** Oncology

**Tag(s):** Clinical

**Chairs:** Gilbert Massard (Strasbourg, France)

- **Bilateral lung cancer with COPD or metastatic disease**
  - Laureano Molins Lopez-Rodo (Barcelona, Spain)

- **Small cell lung cancer and surgery**
  - Jens Soerensen (Copenhagen, Denmark)

07:00 - 08:15
Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Challenging clinical cases: CC5 Non-resolving pneumonia

**Aims:** To review diagnosis and management of possible pulmonary and non-pulmonary causes of non-resolving pneumonia.

**Track(s):** Infection

**Tag(s):** Clinical

**Target audience:** Clinician, Fellow, General practitioner, Junior member, Microbiologist, Pulmonologist, Researcher, Resident, Respiratory physician, Scientist, Student, Trainee

**Chairs:** Ane Uranga (Bilbao, Spain)

- **A pulmonary etiology of non-resolving pneumonia**
  - Brandon Webb (Murray, United States of America)

- **An extra-pulmonary etiology of non-resolving pneumonia**
  - Yuichiro Shindo (Nagoya, Japan)

08:00 - 10:20
Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Skills workshop: SW10 Interventional pulmonology

**Aims:** To provide participants with an opportunity to practise and develop practical skills in range of different endoscopic techniques.

**Track(s):** Intensive care

**Tag(s):** Clinical

**Target audience:** Clinician, Fellow, Junior member, Pulmonologist, Resident, Respiratory physician, Thoracic endoscopist and Trainee
Chairs: Felix J.F. Herth (Heidelberg, Germany)

Introduction

Workstation 1: Endoscopic lung volume reduction with valves
Daniela Gompelmann (Heidelberg, Germany)

Workstation 2: Endoscopic lung volume reduction with coils
Nicolaas H.T. ten Hacken (Groningen, Netherlands), Speaker to be confirmed

Workstation 3: Endobronchial ultrasound
Sebastian Fernandez Bussy (Santiago, Chile)

Workstation 4: Endoesophageal ultrasound
Michela Bezzi (Brescia, Italy)

08:00 - 10:20

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Skills workshop: SW11 The new frontiers in exercise training in chronic obstructive pulmonary disease patients: technical aspects

Aims: To describe the new exercise training strategies in chronic obstructive pulmonary disease (COPD) patients; to describe a novel approach for exercise training in COPD patients after acute exacerbation; to discuss the types of exercise training.

Track(s): Physiology

Tag(s): Clinical

Target audience: Allied health professional, Nurse, Occupational therapist, Physiotherapist, Respiratory physician, Respiratory therapist, Student

Chairs: Sally J. Singh (Leicester, United Kingdom)

Introduction

Workstation 1: Exercise training: linear vs non-linear training
Fabio Pitta (Londrina, Brazil), Speaker to be confirmed

Workstation 2: Strategies in pulmonary rehabilitation after acute exacerbations
Speaker to be confirmed

Workstation 3: The addition of non-invasive ventilation during exercise training in COPD patients
Enrico Maria Clini (Pavullo, Italy)

Workstation 4: Future perspectives in exercise training: Nordic walking and water-based training
Speaker to be confirmed

10:40 - 13:00

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Skills workshop: SW12 Interventional pulmonology

Aims: To provide participants with an opportunity to practise and develop practical skills in range of different endoscopic techniques.

Track(s): Intensive care

Tag(s): Clinical

Target audience: Clinician, Fellow, Junior member, Pulmonologist, Resident, Respiratory physician, Thoracic endoscopist, Trainee

Chairs: Pallav L. Shah (London, United Kingdom)

Introduction

Workstation 1: Endoscopic lung volume reduction with valves
Arschang Valipour (Vienna, Austria)

Workstation 2: Endoscopic lung volume reduction with coils
Ralf Eberhardt (Heidelberg, Germany)

Workstation 3: Endobronchial ultrasound
Jouke T. Annema (Amsterdam, Netherlands)
Workstation 4: Endoesophageal ultrasound  
Maren Schuhmann (Heidelberg, Germany)

**14:30 - 16:50**

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

**Skills workshop: SW14 Interventional pulmonology**

**Aims:** To provide participants with an opportunity to practise and develop practical skills in range of different endoscopic techniques.

**Track(s):** Intensive care  
**Tag(s):** Clinical  
**Target audience:** Clinician, Fellow, Junior member, Pulmonologist, Resident, Respiratory physician, Thoracic endoscopist, Trainee  
**Chairs:** Felix J.F. Herth (Heidelberg, Germany)

**Introduction**

**Workstation 1: Endoscopic lung volume reduction with valves**  
Daniela Gompelmann (Heidelberg, Germany)

**Workstation 2: Endoscopic lung volume reduction with coils**  
Dirk-Jan Slebos (Groningen, Netherlands)

**Workstation 3: Endobronchial ultrasound**  
Sebastian Fernandez Bussy (Santiago, Chile)

**Workstation 4: Endoesophageal ultrasound**  
Michela Bezzi (Brescia, Italy)

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**10:40 - 13:00**

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

**Skills workshop: SW13 The new frontiers in exercise training in chronic obstructive pulmonary disease patients: technical aspects**

**Aims:** To describe the new exercise training strategies in chronic obstructive pulmonary disease (COPD) patients; to describe a novel approach for exercise training in COPD patients after acute exacerbation; to discuss the types of exercise training.

**Track(s):** Physiology  
**Tag(s):** Clinical  
**Target audience:** Allied health professional, Nurse, Occupational therapist, Physiotherapist, Respiratory physician, Respiratory therapist, Student  
**Chairs:** Rik Gosselink (Leuven, Belgium)

**Introduction**

**Workstation 1: Exercise training: linear vs non-linear training**  
Susan Ward (Crickhowell, United Kingdom)

**Workstation 2: Strategies in pulmonary rehabilitation after acute exacerbations**  
Speaker to be confirmed

**Workstation 3: The addition of non-invasive ventilation during exercise training in COPD patients**  
Speaker to be confirmed

**Workstation 4: Future perspectives in exercise training: Nordic walking and water-based training**  
Speaker to be confirmed

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**14:30 - 16:50**

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

**Skills workshop: SW15 The new frontiers in exercise training in chronic obstructive pulmonary disease patients: technical aspects**

**Aims:** To describe the new exercise training strategies in chronic obstructive pulmonary disease (COPD) patients; to describe a novel approach for exercise training in COPD patients after acute exacerbation; to discuss the types of exercise training.
Track(s): Physiology
Tag(s): Clinical
Target audience: Allied health professional, Nurse, Occupational therapist, Physiotherapist, Respiratory physician, Respiratory therapist, Student
Chairs: Sally J. Singh (Leicester, United Kingdom)

Introduction

**Workstation 1: Exercise training: linear vs non-linear training**
Speaker to be confirmed

**Workstation 2: Strategies in pulmonary rehabilitation after acute exacerbations**
Ioannis Vogiatzis (Athens, Greece), Speaker to be confirmed

**Workstation 3: The addition of non-invasive ventilation during exercise training in COPD patients**
Enrico Maria Clini (Pavullo, Italy)

**Workstation 4: Future perspectives in exercise training: Nordic walking and water-based training**
Speaker to be confirmed

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**13:00 - 14:30**

Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.

**Professional development workshop: PD5 Establishing core facilities for measuring clinical trial outcomes**
Experience from the European Cystic Fibrosis Society (ECFS) Clinical Trials Network (CTN)

**Aims:** To identify hurdles to the inclusion and acceptance of broader outcome measures in clinical trials; to describe the benefits of standardisation and the roles and requirements of a core facility giving the ECFS CTN as example; to understand potential interactions between the core facility, commercial sponsors, and the trial networks.

**Tag(s):** Translational

**Chairs:** Jane C. Davies (London, United Kingdom), Chair to be confirmed

**13:00**
**Introduction by the chair to the concept of a clinical trials network**

**13:06**
**Lightning lecture: High resolution CT as a clinical trial outcome measure: standardisation of performance and scoring**
Harm Tiddens (Rotterdam, Netherlands)

**13:14**
**Lightning lecture: Lung Clearance Index: why, how, and the lessons learned**
Jane C. Davies (London, United Kingdom)

**13:22**
**Lightning lecture: Nasal Potential Difference: standardisation process, issues arising and FDA approvals**
Isabelle Sermet-Gaudelus (Paris, France)

**13:30**
**Workshop 1: Lung Clearance Index - demonstration of devices utilised by the core facility; best practices and different approaches to communication with pharmaceutical companies**
Jane C. Davies (London, United Kingdom)

**13:50**
**Workshop 2: Computed tomography - include CT scans and score sheets for delegates to view and attempt to grade themselves; address any questions regarding specific trials, other grading systems or other issues delegates have had with CT as an outcome measure**
Harm Tiddens (Rotterdam, Netherlands)

**14:10**
**Workshop 3: Nasal Potential Difference (NPD) - demonstration of a video of NPD; discussion of issues delegates have had with equipment; inform about the NPD standardisation guidelines**
Isabelle Sermet-Gaudelus (Paris, France)

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**08:00 - 10:30**

Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.

**Professional development workshop: PD3 Preparing your content for teaching online**
Communicating science through active learning
**Aims:** To gain skills in learning how to deliver high quality online sessions and best practices for communicating science with interactive online learning experiences; to summarise current knowledge on the need for interactivity in online learning; to learn how to apply different categories of interactive learning activities online; to identify alterations needed to change course content to an online presentation format; to use quality-based standards of evaluation to analyse an online course.

**Tag(s):** Translational

**Chairs:** Georgia Narsavage (Morgantown, United States of America)

**Pre-work online:** 'Quality matters' (QM) evaluation to design/revise content of an online course

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<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:00</td>
<td><strong>Introduction:</strong> How to deliver high quality online sessions and communicate science through active learning&lt;br&gt;Geraldine Clarebout (Maastricht, Netherlands)</td>
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<tr>
<td>08:10</td>
<td><strong>Best practices for interactive online teaching/learning</strong>&lt;br&gt;Georgia Narsavage (Morgantown, United States of America)</td>
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<tr>
<td>08:20</td>
<td><strong>Introduction to the workshop including the 'quality matters' (QM) evaluation</strong>&lt;br&gt;Georgia Narsavage (Morgantown, United States of America)</td>
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<tr>
<td>08:30</td>
<td><strong>Workshop:</strong> Design and evaluate a section of an online course&lt;br&gt;Georgia Narsavage (Morgantown, United States of America), Geraldine Clarebout (Maastricht, Netherlands)</td>
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<tr>
<td>10:10</td>
<td><strong>Discussion and conclusion</strong></td>
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**15:00 - 16:30**

Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.

**Professional development workshop: PD6 Medical and research ethics**

**Chairs:**

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<tr>
<td>10:45</td>
<td><strong>Introduction by the chair</strong></td>
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<tr>
<td>10:50</td>
<td><strong>What makes a situation challenging?</strong> Remembering that impact may be different than intent. How perception impacts our view- Gaining psychological distance as you prepare an approach- Recognising that emotions may cloud your judgment and behaviour- Small group discussion: What types of behaviour are most challenging for you and why?&lt;br&gt;Louellen N. Essex (Minnesota, United States of America)</td>
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<tr>
<td>11:10</td>
<td><strong>When you want to use a communication approach:</strong> A step-by-step template- Describing the problem without using judgmental terms- Owning your own point of view- Explaining the impact of the problem- Listening carefully to the response- Negotiating solutions- What to do if you cannot reach agreement- Skills practise in communicating with difficult people in small groups&lt;br&gt;Louellen N. Essex (Minnesota, United States of America)</td>
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<tr>
<td>11:35</td>
<td><strong>Applying the communication approach to common difficult situations:</strong> Case discussion in small groups: What would you say/do?&lt;br&gt;Louellen N. Essex (Minnesota, United States of America)</td>
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<tr>
<td>12:00</td>
<td><strong>When you want to use a coping approach:</strong> If communication does not work, managing the situation “in the moment”- Examples of what to say and do when certain behaviours occur- Skills practise in triads&lt;br&gt;Louellen N. Essex (Minnesota, United States of America)</td>
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<td>12:25</td>
<td><strong>In summary:</strong> Commit-Own-Notice-Frame-Identify-Determine-Evaluate-Negotiate-Collaborate-Experiment = CONFIDENCE&lt;br&gt;Louellen N. Essex (Minnesota, United States of America)</td>
</tr>
<tr>
<td>12:35</td>
<td><strong>Questions and answers</strong></td>
</tr>
</tbody>
</table>
13:00 - 14:00
Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Meet the expert: ME6 Dealing with air leaks during noninvasive ventilation

Aims: To provide an understanding of the rationale behind using intentional leak circuits in both the acute adult and paediatric setting.

Track(s): Intensive care
Tag(s): Clinical

Chairs: 13:00

Dealing with air leaks during NIV
Nicholas S. Hill (Providence, United States of America)

13:00 - 14:00
Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Meet the expert: ME5 Persisting symptoms after pulmonary embolism

Aims: To describe a diagnostic and therapeutic strategy for patients with persistent symptoms after acute pulmonary embolism (PE); to discuss the epidemiology of symptoms after acute PE; the differential diagnosis; the pathophysiological mechanisms of disease, including dead space ventilation, right ventricle dysfunction, and pulmonary hypertension; an overview of how to manage patients with persistent symptoms; and current treatment strategies including pulmonary endarterectomy (PET) and balloon pulmonary angioplasty (BPA).

Tag(s): Clinical
Chairs: 13:00

Persisting symptoms after pulmonary embolism
Matthias Held (Wurzburg, Germany), Speaker to be confirmed

13:00 - 14:00
Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Meet the expert: ME7 Surgery for lung cancer

Aims: To provide an overview of the optimal use of imaging techniques, new generations of chemotherapeutic agents, and new radiation techniques in surgical candidates; and to emphasise the importance of accurate mediastinal staging and optimal timing of treatment.

Track(s): Oncology
Tag(s): Clinical
Chairs: 13:00

Surgery for lung cancer
Lorenzo Spaggiari (Milan, Italy)

13:00 - 14:00
Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Meet the expert: ME8 Acute and chronic infection in chronic obstructive pulmonary disease

Aims: To discuss the main clinical challenges associated with acute and chronic infection in patients with chronic obstructive pulmonary disease (COPD).

Track(s): Infection
Chairs: 13:00

Acute and chronic infection in COPD
Marc Miravitlles (Barcelona, Spain)

08:30 - 10:30
Symposium: Regeneratives approaches to COPD

Aims: The aims of this symposium are to describe the stem cell changes that occur in the lungs in response to chronic environmental exposures, to discuss new ways of viewing the molecular anatomy of lung tissue and alveolar septa, and outline current and future approaches for preserving or enhancing airway stem cell function.

Tag(s): Basic science
### Symposium: Diseases and defences of the respiratory mucosa

**Aims:**
- Explain the role of microbiota/viruses in lung disease
- Describe the importance of goblet cells in mucusal homeostasis
- Discuss the role of Th17 cells in bacterial infection and innate immunity in the lung
- Describe the key role of the respiratory mucosa in asthma

**Track(s):** Infection  
**Tag(s):** Translational

**Chairs:** Stefano Aliberti (Milan, Italy), Hans Bisgaard (Copenhagen, Denmark)

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>08:30</td>
<td>The role of bacteria and viruses in lung disease</td>
<td>Philip Hansbro (Callaghan, Australia)</td>
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<tr>
<td>09:00</td>
<td>Goblet cells/mucus in mucusal homeostasis</td>
<td>Gunnar C. Hansson (Gothenburg, Sweden)</td>
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<tr>
<td>09:30</td>
<td>The microbiome and innate immunity in the lung</td>
<td>Thomas Clarke (London, United Kingdom)</td>
</tr>
<tr>
<td>10:00</td>
<td>Asthma: a disease of the respiratory mucosa</td>
<td>Hamida Hammad (Ghent, Belgium)</td>
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### Symposium: An update on pleural empyema diagnostics and treatment

**Aims:**
- Provide an updated overview of the main achievements of the basic research on pleural empyema that are relevant for clinicians
- Mention the key benefits of modern therapeutic procedures for pleural empyema, largely based on video-assisted technology (VAT)
- Highlight the take-home message regarding engagement between pulmonologists and surgeons
- Present main pitfalls related to the disease

**Track(s):** Infection, Intensive care  
**Tag(s):** Translational

**Chairs:** Danail Petrov (Sofia, Bulgaria), Hans-Beat Ris (Lausanne, Switzerland)

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<th>Time</th>
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<tr>
<td>08:30</td>
<td>New insights into an old disease</td>
<td>Gernot G.U. Rohde (Maastricht, Netherlands)</td>
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<tr>
<td>09:00</td>
<td>How to prevent progression to stage III disease</td>
<td>Philippe Astoul (Marseille, France)</td>
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<tr>
<td>09:30</td>
<td>The changing spectrum of surgical solutions: video-assisted thoracic surgery (VATS), robotics, and open surgery</td>
<td>Didier Lardinois (Basel, Switzerland)</td>
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<tr>
<td>10:00</td>
<td>Major pitfalls in pleural empyema: what about the underlying disease?</td>
<td>Dragan R. Subotic (Belgrade, Republic of Serbia)</td>
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</table>

### Symposium: The history of respiratory public health in Britain

**Title:**
- Air pollution, tobacco control, and occupational lung disease
**Aims:** The aim of this session is to address the UK contributions in the history of tobacco control, air pollution and work-related lung disease.

**Track(s):** Epidemiology / Environment

**Target audience:** Clinicians and academicians

**Chairs:** Anthony Seaton (Edinburgh, United Kingdom)

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<tr>
<th>Time</th>
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<tr>
<td>08:30</td>
<td>Tobacco and public health in Great Britain from 1945 through e-cigarettes</td>
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<tr>
<td>09:00</td>
<td>From the coalfields to the shipyards: pneumoconiosis past and present</td>
<td>Arthur McIvor (Glasgow, United Kingdom)</td>
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<tr>
<td>09:30</td>
<td>A brief history of a century of air pollution and public health in Great Britain</td>
<td>Stephen Mosley (Leeds, United Kingdom)</td>
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<tr>
<td>10:00</td>
<td>Cotton dust: a personal perspective</td>
<td>Charles A. Pickering (Altrincham, United Kingdom)</td>
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**08:30 - 10:30**

Session: Yernault Lecture preceded by the symposium “Latest development in non-invasive ventilation: improvements and gadgets”

**Aims:** Providing detailed information on “what’s new” about non-invasive ventilation. New devices and modes, novel approaches for managing patients earlier and avoiding intubation when NIV fails, recent knowledge about mechanisms of long term NIV in chronic stable patients. The symposium will be followed by the Yernault Lecture and will cover ventilatory support in children, transition to adult care and NIV in adults, new thoughts on genotype-phenotype links, evolving outcomes, organisation of care and ethical aspects.

**Track(s):** Intensive care

**Tag(s):** Clinical

**Chairs:** Begüm Ergan (Izmir, Turkey), Wolfram Windisch (Cologne, Germany)

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<tr>
<td>08:30</td>
<td>New developments for NIV in acute respiratory failure</td>
<td>Federico Longhini (Borgomanero, Italy)</td>
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<tr>
<td>08:50</td>
<td>NIV in chronic hypercapnic respiratory failure: new insights in the mechanisms of action</td>
<td>Nicholas Hart (London, United Kingdom)</td>
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<tr>
<td>09:10</td>
<td>NIV failure in acute hypercapnia: intubation vs. extracorporeal CO2 removal</td>
<td>Lara Pisani (Bologna, Italy)</td>
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<tr>
<td>09:30</td>
<td>Should we use early NIV in the ward for COPD exacerbations?</td>
<td>Mark W. Elliott (Leeds, United Kingdom)</td>
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<td>09:50</td>
<td>Yernault lecture “Growing up on a ventilator: a learning curve”</td>
<td>Anita Simonds (London, United Kingdom)</td>
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**08:30 - 10:30**

Year in review: Paediatric Year in Review from the bench to the clinic

**Aims:** The audience will receive an update in four topics in pediatric respiratory medicine. The most recent and significant literature and developments relating to these topics will be highlighted.

**Track(s):** Paediatric

**Tag(s):** Translational

**Chairs:** Monika Gappa (Wesel, Germany), Fabio Midulla (Rome, Italy)

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<tr>
<td>08:30</td>
<td>New insight in paediatric (Title and topic to be confirmed by speaker)</td>
<td>Heather Joy Zar (Johannesburg, South Africa)</td>
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<tr>
<td>09:00</td>
<td>Noninvasive ventilation in infants and children</td>
<td>Charles Christoph Roehr (Oxford, United Kingdom)</td>
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<td>09:30</td>
<td>Environmental threats to paediatric respiratory health</td>
<td>Peter D. Sly (South Brisbane, Australia)</td>
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<tr>
<td>10:00</td>
<td>Respiratory health in refugee children</td>
<td>Stefania La Grutta (Palermo, Italy)</td>
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</table>
08:30 - 10:30
Poster Discussion: Endoscopic lung volume reduction

**Targeted segmental volume reduction with vapor ablation in emphysema results in reduced RV and clinically meaningful improvement (CMI) in FEV<sub>1</sub>**

**Volume changes after segmental vapor ablation and associated improvements in FEV<sub>1</sub>**

**Bronchoscopic lung volume reduction with silver nitrate in patients with emphysema**
Mohammed Elhanafy, Mohammed El Badrawy, Raed El Metwally, Amr Abdelhameed, Adel El Badrawy, Speaker to be confirmed

**Trans-bronchial bullous volume reduction in COPD patients**
Dalia Elsharawy, Ahmed Shawky, Mohamed Hefeda, Speaker to be confirmed

**Endoscopic lung volume reduction in low FEV<sub>1</sub> patients**
Kaid Darwiche, Rüdiger Karpf-Wissel, Stephan Eisenmann, Lea Pieper, Filiz Özkkan, Lutz Freitag, Speaker to be confirmed

**Targeted vapor ablation as a new method for endoscopic lung volume reduction at segmental level**
Kaid Darwiche, Wolfgang Gesierich, Speaker to be confirmed

**Segmental lung volume reduction (LVR) with vapor better targets disease heterogeneity as compared to lobar LVR**
Wolfgang Gesierich, Uta Liebers, Manfred Wagner, Joachim H. Ficker, Christian Grah, Greg Snell, Speaker to be confirmed

**Bleeding complications after endoscopic lung volume reduction coil treatment: A retrospective observational study**
Marcel Simon, Harald Ittrich, Lars Harbaum, Tim Oqueka, Stefan Kluge, Hans Klose, Speaker to be confirmed

**Survival benefit from successful bronchoscopic lung volume reduction with endobronchial valves - A 10 year follow up study**
Nick Hopkinson, Samuel Kemp, Tudor Toma, David Hansell, Pallav Shah, Michael Polkey, Speaker to be confirmed

**A single center experience with lung volume reduction coil (LVR-coil) treatment of patients with advanced emphysema. Effectiveness and complications after 1 year**
Konstantina Kontogianni, Vasiliki Gerovasili, Maren Schuhmann, Daniela Gompelmann, Claus Peter Heussel, Hans Hoffmann, Felix Herth, Ralf Eberhardt, Speaker to be confirmed

**The minimal important difference for target lobe volume reduction following endoscopic valve therapy in patients with advanced emphysema**
Daniela Gompelmann, Ralf Eberhardt, Claus-Peter Heussel, Maren Schuhmann, Konstantina Kontogianni, Felix J.F. Herth, Speaker to be confirmed

**A comparison of the effects of endobronchial valve and coil treatments used in emphysema on respiratory functions and quality of life**
Yavuz Selim Intepe, Bayram Metin, Mahmut Kilic, Eylem Yildirim, Erdogan Cetinkaya, Speaker to be confirmed

**Comparison of software based CT fissure analyses and endobronchial in-vivo measurements for detection of collateral ventilation for endoscopic lung volume reduction**
Dominik Herzog, Eva M. Van Rikxoort, Christian Thomson, Tamar Zhamurashvili, Felix Doellinger, Dorothea Theilig, Bettina Tennmesfeld-Wollbruck, Stefan Hippenstiel, Norbert Suttrop, Ralf-Harto Hübner, Speaker to be confirmed

**Endoscopic lung volume reduction (ELVR) in COPD: Changes in lung mechanics with ELVR using the forced oscillation technique (FOT)**
Kelvin Hsu, Claude S. Farah, Jonathan P. Williamson, Matthew J. Peters, Alvin J. Ing, Speaker to be confirmed
The sequential intrabronchial valve implantation as the treatment option for severe heterogeneous emphysema
Piotr Kocon, Maciej Gnass, Artur Szlubowski, Anna Soczek, Tomasz Smeder, Piotr Talar, Jerzy Soja, Jaroslaw Kuzdzal, Speaker to be confirmed

Pseudomonas aeruginosa - associated COPD exacerbations after endoscopic endobronchial valve implantation
Izabela Tuleta, Carmen Pizarro, Ernst Molitor, Glen Kristiansen, Georg Nickenig, Uwe Juergens, Dirk Skowasch, Speaker to be confirmed

Outcome after interventionel lungvolume reduction with coils (LVRC) dependent from the initial clinical presentation
Harald Trautmann, Natalia Golowtschenko, Katrin Klein, Frauke Paulus, Baumann Hans Jörg, Speaker to be confirmed

Bronchoscopic treatment of bronchopleural fistulae with silver nitrate
Mohammed Elhanafy, Mohammed El Badrawy, Raed El Metwally, Amr Abdelhameed, Speaker to be confirmed

08:30 - 10:30
Poster Discussion: New findings in mucosal immunology
Chairs:

Murine lung lipofibroblast lineage tracing
Aglaia Ntokou, Marten Szibor, Werner Seeger, Rory Morty, Katrin Ahlbrecht, Speaker to be confirmed

Increased expression of TRPA1 in the airways of patients with severe asthma
Harvinder Virk, Aarti Shikotra, Peter Bradding, Speaker to be confirmed

Deficiency of immunoproteasome subunit LMP2 increases alternative polarization of alveolar macrophages
Ilona Kammerl, Shanze Chen, Martin Irmler, Johannes Beckers, Oliver Eickelberg, Silke Meiners, Tobias Stöger, Speaker to be confirmed

Antiinflammatory properties of PAH drugs
Kathrin Watzinger, Ivan Tancevski, Thomas Sonnweber, Judith Löfler-Ragg, Speaker to be confirmed

Aberrant airway epithelial differentiation resulting from cigarette smoke exposure leads to loss of constitutive antimicrobial peptide and protein (AMP) expression
Pieter S. Hiemstra, Gimano D. Amatngalim, Jasmijn A. Schrumpf, Fernanda Dishchehenian, Tinne C.J. Mertens, Dennis K. Ninaber, Abraham C. van der Linden, Christian Taube, Anne M. van der Does, Speaker to be confirmed

Over expression of endothelin-1 (ET-1) in lung fibroblasts (LFb) from patients with pulmonary arterial hypertension (PAH), evidence for loss of inhibitory control
Kurt Racke, Margarita Fuhrmann, Uwe R. Juergens, Soni Pulamsetti, Werner Seeger, Speaker to be confirmed

Airway inflammation in COPD after long-term withdrawal of inhaled corticosteroids
Lisette I.Z. Kunz, Nick H.T. Ten Hacken, Therese S. Lapperre, Wim Timens, Huib A.M. Kerstjens, Annemarie van Schadewijk, Judith M. Vonk, Jiska B. Snoeck-Stroband, Dirkje S. Postma, Peter J. Sterk, Pieter S. Hiemstra, Speaker to be confirmed

Role of ACKR2 in experimental COPD induced by cigarette smoke inhalation
Diego Coutinho, Tatiana Paula Ferreira, Davidson Dias, Ana Carolina Arantes, Bianca Ciamarella, Magda Serra, Patricia Machado Rodrigues Silva, Massimo Locati, Marco Aurelio Martins, Speaker to be confirmed

Identification of Ki67<sup>+</sup> 'monocytic' cells within the lungs
Arjun Ravi, Sarah Mason, Simon Lea, Umme Kolsum, George Booth, Jorgen Vestbo, Dave Singh, Speaker to be confirmed

Role of CD69 in the pathogenesis of elastase-induced pulmonary inflammation and emphysema
Tetsuo Fujita, Kento Yoshioka, Hiroki Umezawa, Kensuke Tanaka, Yusuke Naito, Masahiko Hatano, Toshinori Nakayama, Koichiro Tatsumi, Yoshitoshi Kasuya, Speaker to be confirmed

Characterisation of defective phagocytosis by chronic obstructive pulmonary disease alveolar macrophages
Jamil Jubrail, Katy Montauban, Pierre Regis-Burgel, Nisha Kurian, Florence Niedergang, Speaker to be confirmed
Telomere shortening in type II pneumocytes relates to idiopathic pulmonary fibrosis
Aernoud van Batenburg, Reinier Snetselaar, Roel Goldschmeding, Jan Grutters, Karin Kazemier, Coline van Moorsel, Speaker to be confirmed

Eosinophil-induced airway smooth muscle cells remodeling is attenuated by blocking of RGD-binding integrins in asthma
Andrius Januskevicius, Simona Lavinskiene, Reinoud Gosens, Ieva Janulaityte, Deimante Hoppenot, Laura Tamasauskiene, Virginija Kalinskaite-Zakauske, Raimundas Sakalauskas, Kestutis Malakauskas, Speaker to be confirmed

Neutrophil vascular endothelial growth factor (VEGF) as a driving force for angiogenesis in bronchiectasis?
Christopher Cole, Sonya Carnell, Kasim Jiwa, Jodie Birch, Katy Hester, Chris Ward, John Simpson, Anthony De Soyza, Speaker to be confirmed

Targeting ASK1 in preventing airway smooth muscle growth: Implications for airway remodeling in COPD
Dia Xenaki, Deepak Deshpande, Brian Oliver, Pawan Sharma, Speaker to be confirmed

Thymic stromal lymphopoietin (TSLP) in naturally occurring asthma exacerbations in adults
Asger Bjerregå rd, Svetlana Baltic, Lucy Barrett, Phillip Thompson, Vibeke Backer, Markus Fally, Ingrid Laing, Siew-Kim Khoo, Peter Le Soué f, Celeste Forsberg, Speaker to be confirmed

The appearance and distribution of inflammatory, anti-inflammatory and regulatory interleukins in relatively healthy lung tissue
Zane Vitenberga, Mara Pilmante, Speaker to be confirmed

IL-23 is essential to the development of elastase-induced pulmonary inflammation and emphysema
Utako Fujii, Nobiuki Miyahara, Akihiko Taniguchi, Daisuke Morichika, Naohiro Oda, Kiochi Waseda, Etsuko Kurimoto, Mikio Kataoka, Akihiko Yoshimura, Arihiko Kanehiro, Mitsune Tanimoto, Speaker to be confirmed

08:30 - 10:30
Poster Discussion: Pulmonary hypertension: the clinic
Chairs:

Assessment of platelet dysfunction in patients with pulmonary arterial hypertension
Eleni Vrigkou, Arigirs Tsantes, Stefanos Bonovas, Anastasia Anthi, Dimitris Konstantonis, Athanasios Pappas, Cornelia Mirakou, Stelios Orfanos, Apostolos Armaganidis, Iraklis Tsagkaris, Speaker to be confirmed

Native myocardial T1 correlates with right ventricular remodelling in patients with pulmonary hypertension
Laura Hutchison, Neil Stewart, Charlotte Hammerton, David Capener, Valentina Puntmann, Kiely David, Wild Jim, Swift Andy, Speaker to be confirmed

Management of selexipag interruptions in the GRIPHON study
Ioana Preston, Kelly Chin, Lila Di Scala, HarrisonFarber, Sean Gaine, Nazzareno Galiè , Hossein-Ardestich Ghofrani, Marius M. Hoepfer, Irene Lang, Valerrie McLaughlin, Ralph Preiss, Lewis J. Rubin, Gé rald Simonneau, Olivier Sibhon, Victor F Tapson, Richard Channick, Speaker to be confirmed

Dysregulation of iron homeostasis in Eisenmenger syndrome; comparison to idiopathic pulmonary arterial hypertension and healthy controls
Sharon Munby, Latha Ramakrishnan, Aleksander Kempny, Gregory Quinlan, John Wort, Speaker to be confirmed

Cardiac involvement in undifferentiated connective tissue disease at risk for systemic sclerosis. A tissue doppler imaging study
Michele D’Alto, Paola Argiento, Giovanni Maria De Matteis, Antonella Marcoccia, Anna Correra, Emanuele Romeo, Giovanni Maria Di Marco, Rosaria Iracone, Antonella Riccardi, Maria Giovanna Russo, Gabriele Valentini, Speaker to be confirmed

Echocardiography for the diagnosis of pulmonary vascular disease
Michele D’Alto, Emanuele Romeo, Paola Argiento, Adriana Pavelescu, Giovanni Maria Di Marco, Agostino Mattera Iacono, Anna Correra, Maria Giovanna Russo, Robert Naeije, Speaker to be confirmed

Right ventricular MRI characteristics in patients with borderline pulmonary hypertension
Kieran Shotton, Henry Walker, Christopher Johns, Dave Capener, Charlie Elliot, Robin Condliffe, Thanos Charalambopoulos, David Kiely, Jim Wild, Andrew Swift, Speaker to be confirmed
Echocardiography for defining the right ventricular contractile reserve in healthy subjects
Michele D’Alto, Adriana Pavelescu, Emanuele Romeo, Paola Argiento, Giovanni Maria Di Marco, Anna Correra, Agostino Mattera Iacono, Maria Giovanna Russo, Robert Naeije, Speaker to be confirmed

Vasoreactivity to inhaled nitric oxide does not predict long term survival in pulmonary arterial hypertension
Geeshath Jayasekera, Martin Johnson, Colin Church, Andrew Peacock, Speaker to be confirmed

Role of tadalafil in patients with hypoxia / lung disease induced (group 3) pulmonary hypertension
Suraj Puthiyaveettil, Jyothi Edakalavan, Speaker to be confirmed

Dexamethasone reduces pulmonary artery pressure in lowlanders with COPD travelling to 3200m. A randomized, placebo-controlled trial
Mona Lichtblau, Michael Furian, Sayaka Aeschbacher, Maya Bisang, Sara Hartmann, Stefanie Ulrich, Tsgyal Latsang, Almaz Aldashev, Erkin Mirrakhimov, Talant Soronbaev, Konrad E. Bloch, Silvia Ulrich, Speaker to be confirmed

Iron deficiency in pulmonary arterial hypertension: A matter of definition!
Thomas Sonnweber, Eva Rieger, Katrinara Cima, Günter Weiss, Judith Löffler-Ragg, Speaker to be confirmed

Inhaled glucocorticosteroid treatment effects on pulmonary artery pressure and cardiac function in healthy smokers
Eliana Mendes, Adam Wanner, Meela Parker, Andreas Schmid, Johana Arana, Barry Hurwitz, Speaker to be confirmed

The OPTIEK1 study: Design and preliminary results of a Dutch national registry

MRI derived left atrial volume index predicts treatment response in patients with PAH
Euan Tubman, Tom Sproson, Dave Capener, Robin Condliffe, Charlie Elliot, Athanasios Charalampopolous, David Kiely, Wild Jim, Andy Swift, Speaker to be confirmed

Procedural safety of a fully implantable pump for delivery of intravenous prostanoids in severe pulmonary hypertension: A two-center observational study
Manuel Richter, Ralf Ewert, Christian Warnke, Henning Gall, Simon Classen, Friedrich Grimminger, Eckhard Mayer, Werner Seeger, Ardeschir Ghofrani, Speaker to be confirmed

Cardiopulmonary MR characteristics can estimate mPAP in COPD
Christopher Johns, Dave Capener, Charlotte Hammerton, Kieran Shotton, Charlie Elliot, Robin Condliffe, David Kiely, Jim Wils, Andrew Swift, Speaker to be confirmed

Clinical manifestation of hereditary pulmonary arterial hypertension by a "second hit" mutation in the genes BMPR2 and EIF2AK4
Christina Eichstaedt, Jie Song, Rebecca Rodriquez, Viales, Nicola Benjamin, Satenik Harutyunova, Christine Fischer, Katrin Hinderhofer, Eckehardt Grüning, Speaker to be confirmed

08:30 - 10:30
Poster Discussion: Assessing the lower airway inflammation with different tools

Safety of sputum monitoring in a severe asthma population - The Manchester severe asthma team experience
Gael Tavernier, Stephen Fowler, Leanne Holmes, Dorothy Ryan, Robert Niven, Speaker to be confirmed

An electronic nose can sniff out amyotrophic lateral sclerosis
Silvano Dragonieri, Vitaliano Quaranta, Pierluigi Carratu, Lorenzo Marra, Teresa Ranieri, Giuseppina D’Alba, Onofrio Resta, Speaker to be confirmed

Exhaled breath analysis for identifying eosinophilic and neutrophilic inflammation in a mixed population of patients with asthma or COPD
Rianne de Vries, Paula Brinkman, Yennece W. Dagelet, Erica Dijkers, Frans H.C. de Jongh, Peter J. Sterk, Speaker to be confirmed

Determinants of exhaled particles of a standardized breathing maneuver
Annika Claesson, Björn Bake, Evert Ljungström, Matthias Holm, Anna-Carin Olin, Speaker to be confirmed
**Inflammatory response to the exposure with ultra-fine particles and ozone**
Olaf Holz, Karsten Heusser, Arne Gaida, Maria Allers, Stefan Zimmermann, Meike Müller, Sven Schuchardt, Christoph Schindler, Jens Tank, Jens Jordan, Jens M. Hohlfeld, Speaker to be confirmed

**Early and late effect of acute bronchodilation on exhaled nitric oxide in asthma**
Lucas Demey, Alain Van Muylem, Alain Michils, Speaker to be confirmed

**The use of bronchoalveolar lavage (BAL) to assess lower airways inflammation in asthma**
Clair Barber, Laurie Lau, Jon Ward, Kamran Tariq, Kerry Gove, Hitasha Rupani, Paddy Dennison, Arijana Sivalogathan, Karl J. Staples, Peter H. Howarth, Speaker to be confirmed

**Concentration of exhaled endogenous particles in relation to peripheral airway dysfunction**
Emilia Viklund, Per Gustafsson, Sanna Kjellberg, Jeong-Lim Kim, Anna-Carin Olin, Speaker to be confirmed

**Identification of exhaled volatile organic compounds (VOCs) associated with loss of asthma control**
Paul Brinkman, Niki Fens, Marianne van de Pol, Peter J. Sterk, Anirban Sinha, Speaker to be confirmed

**The effect of chlorine exposure on Exhaled Nitric Oxide in asthmatic children attending indoor swimming pool**
Sotiria Peletidou, George Vavougios, Vasileios Stavrour, Eleni Karetsi, Konstantinos Gourgoulianis, Zoe Daniil, Speaker to be confirmed

**Relevance of laser spectroscopy OF-CEAS (optical feedback cavity enhanced absorption spectroscopy), for the measurement of carbon monoxide in healthy volunteers**
Vivien Brenckmann, Irene Ventrillard, Raphael Briot, Speaker to be confirmed

**E-nose discriminative ability within a highly homogeneous sample of respiratory diseases**
Simone Scarlata, Giorgio Pennazza, Marco Santonico, Simona Santangelo, Chiara Vernile, Antonio De Vincentis, Raffaele Antonelli Incalzi, Speaker to be confirmed

**Diagnostic value of FeNO in COPD and asthma - COPD overlap syndrome**
Binu Krishnan, S. Priya, Speaker to be confirmed

**Utility of fractional exhaled nitric oxide (FeNO) in assessing asthma control following inhaled corticosteroid treatment**
Anant Mohan, V. Kavitha, Karan Madan, Vijay Hadda, Randeep Guleria, G.C. Khilnani, Speaker to be confirmed

**Characterization of volatile organic compounds (VOCs) in exhaled air during exacerbation of chronic obstructive pulmonary disease (COPD)**
Maxime Sauvage, Aude Pelissier, Thierry Basset, Jean Michel Vergnon, Frédéric Costes, Speaker to be confirmed

**Rapid and portable MBW measurements for clinical application of LCI in routine clinics**
Alex Horsley, Anirban Maitra, Anna Shawcross, Francis Gilchrist, Steve Cunningham, Andrew Jones, Christina Dale, Jaclyn Smith, Speaker to be confirmed

**Two sites of airway obstruction identified by post-bronchodilation change of exhaled nitric oxide in COPD patients**
Silvia Perez Bogerd, Alain Michils, Andrei Malinovschi, Alain Van Muylem, Speaker to be confirmed

**Impact of standardized physical exertion on oxidative stress biomarkers in exhaled breath condensate of patients suffering from severe chronic obstructive pulmonary disease - The PHAETON project**
Vratislav Sedláček, Petr Kacer, Vladimír Kobližek, Katerina Neumannová, Jaromír Zatloukal, Marek Plutinský, Lukáš Jakubec, Štěpánek Vlková, Speaker to be confirmed

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**08:30 - 10:30**

**Poster Discussion: Measuring physical activity in chronic respiratory disease**

**Chairs:**

**Summer-winter variability of physical activity in daily life: comparison between Brazilian and Belgian patients with COPD**
Karina Couto Furlanetto, Heleen Demeyer, Thais Sant’Anna, Nidia Aparecida Hernandez, Carlos Augusto Camillo, Lorena Paltani Schneider, Larissa Martinez, Gabriela Nandi, Jessica Fonseca, Miika Hornikx, Annemie Smeets, Rik Gosselinck, Thierry Troosters, Fabio Pitta, Speaker to be confirmed
A comparison of physical activity level and exercise capacity between patients with bronchiectasis and healthy controls
Aslihan Cakmak, Deniz Inal-Ince, Ozge Ozalp, Cemile Bozdemir-Ozel, Hazal Sonbahar-Ulu, Ebru Calik-Kutukcu, Melda Saglam, Naciye Vardar-Yagli, Ozden Ozkal, Hulya Arikan, LutfiCoplu, Speaker to be confirmed

Social and environmental determinants of physical activity in patients with chronic obstructive pulmonary disease (COPD)
Elena Gimeno-Santos, Ane Arbiñilaga-Etxarri, Anael Barberan-Garcia, Marta Benages-Albert, Marta Benet, Payam Dadvand, Maria Foraster, Alicia Marín, Mónica Monteagudo, Pere Vall-Casas, Jordi Vilaró, Judith García-Aymerich, Speaker to be confirmed

Factors associated with daily life physical activity in Brazilian COPD patients
Rafaela Xavier, Aline Costa Lopes, Ana Carolina Álves Caporal Péreia, Marcio Correa Mancini, Ercy Mara Cipulo Ramos, Rafael Stelmach, Celso Ricardo Fernandes Carvalho, Speaker to be confirmed

Association of illness perceptions with psycho-demographic factors and physical activity in COPD patients
Rafaela Xavier, Aline Costa Lopes, Ana Carolina Álves Caporal Péreia, Regina Maria Carvalho-Pinto, Frederico Leon Arrabal Fernandes, Samantha L. Harrison, Celso Ricardo Fernandes Carvalho, Speaker to be confirmed

Walk2Bactive: Patients' perspectives of a physical activity-focused intervention beyond pulmonary rehabilitation in COPD
Joana Cruz, Dina Brooks, Alda Marques, Speaker to be confirmed

Comparison of daily life physical activity in patients with COPD and asthma COPD overlap syndrome
Rafaela Xavier, Ana Carolina Álves Caporal Péreia, Aline Costa Lopes, Ercy Mara Cipulo Ramos, Marcio Correa Mancini, Alberto Cukier, Celso Ricardo Fernandes Carvalho, Speaker to be confirmed

Predictors of activities of daily living in patients with COPD
Ismail Ozsoy, Sema Saveci, Serap Acar, Buse Ozcan Kahraman, Sevgi Ozalevli, Atila Akkoclu, Speaker to be confirmed

Acceptability and suitability of the use of TracmorD activity monitor in patients with COPD for home coaching - A pilot study
Leandro Mantoani, Rita Priori, Chevone Barretto, Privender Saini, Mareike Klee, Susan McNarry, Susan Mullen, Brian McKinstry, William MacNee, Roberto Rabinovich, Speaker to be confirmed

Physical activity, functional exercise capacity, pulmonary functions, anxiety, depression and quality of life in newly diagnosed acute leukemia patients
Gulsah Bargi, Meral Bosnak, Zeynep Arzu Yegin, Zeynep Aribas, Zeynep Pelin Dünder, Elif Sakizli, Elif Akgül, Speaker to be confirmed

Responsiveness of PROactive instruments to measure physical activity in COPD patients
Judith Garcia Aymerich, Milo Puhan, Corina de Jongh, Heleen Demeeyer, Damijan Erzen, Elena Gimeno Santos, Nicholas Hopkinson, Niklas Karlsson, Zafeiris Louvaris, Michael Polkey, Roberto Rabinovich, Solange Rohou, Noah Rubio, Ignasi Serra, Mario Scuri, Maggie Tabberer, Thys Van der Molen, Ioannis Vogiatzis, Thierry Troosters, Speaker to be confirmed

Comparison of physical activity level between duchenne muscular dystrophy and healthy children
Gamze Baskent, Rengin Demir, Gonca Bektas, Edibe Pembegul Yıldız, Speaker to be confirmed

Comparison of physical activity levels and fatigue severity in young and elderly males with COPD
Elvan Keles, Deniz Bayraktar, Aylin Özgen Alpaydin, Sevgi Ozalevli, Speaker to be confirmed

Sedentary behavior is more important than the moderate-to-vigorous physical activity for predicting FVC and FEV1 in adults without respiratory diseases
Victor Dourado, Evandro Sperandio, Vitor Almeida, Flávio Almeida, Matheus Nascimento, Agatha Matheus, Vinicius Lauria, Rodrigo Silva, Thatiane Ostolin, Marian Bouchnak, Alan Barbosa, Babrara Gonze, Giovanna Spina, Marcello Romiti, Antônio Gagliardi, Rodolfo Arantes, Speaker to be confirmed

Barriers to implementation of the physical activity guidelines in lung cancer
Catherine Granger, Linda Deney, Louisa Remedios, Selina Parry, Speaker to be confirmed

Factors influencing participation and adherence to a pulmonary rehabilitation program in patients with COPD: A qualitative study
Fabiano Lima, Giovanna Alte, Marcia Costa Franco, Rafael Pinto, Ana Paula Freire, Paulo Gomes, Carlos Augusto Camillo, Dionei Ramos, Ercy Mara Ramos, Speaker to be confirmed

Fatigue, daily living activities, depression and anxiety in patients with asthma
Pınar Odevoglu, Goksen Kuran Aslan, Elif Ustun, Buket Barutcu, Zuleyha Bingol, Speaker to be confirmed
08:30 - 10:30
Poster Discussion: Rifampicin resistance, MDRTB and new drug treatments

**Chairs:**

- The global response to rifampicin-resistant tuberculosis: Current situation and recent trends
  - Dennis Falzon, Nguyen Linh Nhat, Jaramilhoe Ernesto, Weyer Karin, Speaker to be confirmed

- Rifampicin-resistant tuberculosis (RR-TB) in eastern Europe
  - Dennis Falzon, Andrei Dadu, Arax Hovhannesyan, Matteo Zignol, Masoud Dara, Speaker to be confirmed

- Estimation of XDR-TB in European part of the Russian Federation
  - Vadim Testov, Irina Vasilyeva, Vladimir Puzanov, Anastasia Samoilova, Victor Punga, Speaker to be confirmed

- Rifampicin (Rif)-resistant tuberculosis (TB) on GeneXpert in Mumbai, India: How effective is the best derived empiric regimen?
  - Jai Mullerpattan, Chaitali Nikam, Ujjwal Sharma, Radhika Banka, V. Pratibh Prasad, Camilla Rodrigues, Lancelot Pinto, Speaker to be confirmed

- Interpretation of indeterminate RIF-susceptibility results obtained by rapid molecular diagnostics test
  - Elmira Gurbanova, Rafail Mehdiev, Kai Blondal, Rasmir Mirzayev, Doris Hillemann, Asker Ismayilov, Alan Altraja, Speaker to be confirmed

- Rapid detection of mycobacterium tuberculosis from MODS culture by PCR
  - Simona Peter, Andrei-Tudor Cernomaz, Florin Rusu-Cordunean, Ina-Iuliana Macovei, Ionut Pavel, Radu Zonda, Bogdan-Dragos Grigoriu, Speaker to be confirmed

- MIC and gyrA/B genetic analyses of fluoroquinolones against mycobacterium tuberculosis isolated in Japan
  - Lina Yi, Akio Aono, Kinuyo Chikamatsu, Yuriro Igarashi, Takashi Ofuji, Kentaro Sakashita, Hiroyuki Yamada, Akiko Takaki, Satoshi Mitarai, Speaker to be confirmed

- Detection of first and second line drug resistance mutations from multi drug resistant mycobacterium tuberculosis strains by Ion Torrent whole genome sequencing (WGS)
  - Ionut Pavel, Ina-Iuliana Macovei, Simona Petter, Daniela Diculencu, Florin Rusu-Cordunean, Bogdan Grigoriu, Speaker to be confirmed

  - Cynthia Chee, Leo Lim, Li-Yang Hsu, Jeffery Cutter, Yee-Tang Wang, Speaker to be confirmed

- Multidrug-resistant tuberculosis in pregnant women: Treatment and birth outcomes
  - Andrii Dudnyk, Olena Pavlichenk, Speaker to be confirmed

- Effectiveness and safety of meropenem/clavulanate-containing regimens in the treatment of multidrug-resistant tuberculosis

- Effectiveness and safety of imipenem/clavulanate- versus meropenem/clavulanate-containing regimens in the treatment of multidrug resistant tuberculosis

- Opportunities of application of short regimens for MDR-TB at the expense of using intravenous administration of anti-TB drugs during intensive phase
  - Aleksey Denysyov, Nataliia Lytvynenko, Ganna Varytska, Tetiana Spryansz, Speaker to be confirmed
Effectiveness and safety of six month chemotherapy course of XDR TB including bedaquiline and linezolid
Alexander Bazhenov, Eugene Egorov, Valentina Ohtyarkina, Stanislav Shipunov, Oleg Bazhenov, Speaker to be confirmed

Efficiency of MDR-TB therapy with the use of thioureidoiminomethylpyridinii perchlorate
Anna Starshinova, Maria Pavlova, Evgenia Iostomina, Ekaterina Belaeva, Irina Chernokhaeva, Peter Yablonskiy, Speaker to be confirmed

Therapeutic effect of adenoviral vector-mediated GM-CSF gene transfer in lung antimycobacterial immunity in M. bovis BCG infected mice
Alena Singpiel, Julia Kramer, Regina Maus, Jennifer Stolper, Tobias Welte, Jack Gauldie, Martin Kolb, Ulrich A. Maus, Speaker to be confirmed

Potential role of autologous mesenchymal stromal cells in the treatment of multidrug and extensively drug-resistant tuberculosis
Aliaksandr E. Skrahin, Helen E. Jenkins, Hennadz Hurevich, Varvara Solodovnokova, Yanina Isaikina, Dzmitri Klimuk, Zoya Rohava, Alena Skrahina, Speaker to be confirmed

08:30 - 10:30
Oral Presentation: New and old terapies for chronic lung diseases
Chairs:

Dose modifications and dose intensity during treatment with pirfenidone
Steven Nathan, Lisa Lancaster, Carlo Albera, Marilyn Glassberg, Jeffrey Swigris, Frank Gilberg, Klaus-Uwe Kirchgaessler, Ute Petzinger, Paul Noble, Speaker to be confirmed

Effect of continued pirfenidone treatment following a 15% decline in 6-minute walk distance (6MWD) in patients with idiopathic pulmonary fibrosis (IPF): Pooled analysis from 3 pivotal studies
Steven Nathan, Carlo Albera, Ulrich Costabel, Ian Glaspole, Marilyn Glassberg, Lisa Lancaster, David Lederer, Carlos Pereira, Jeffrey Swigris, Andrey Pavlov, John Stauffer, Bann-Mo Day, Willis Chou, Athol Wells, Speaker to be confirmed

Protective effects of vitamin D supplementation against acute respiratory infection are greatest in those with the lowest baseline vitamin D status
Adrian R. Martineau, David A. Jolliffe, Richard L. Hooper, Lauren Greenberg, John F. Aloia, Peter Bergman, Gal Dubnov-Raz, Susanna Esposito, Davaasambuu Gammaa, Emma C. Goodall, Cameron Grant, Christopher J. Griffiths, Wim Janssens, Ilkka Laaksi, Semira Manaseki-Holland, David Murdoch, Rachel E. Neale, Judy R. Rees, Steve Simpson, Iwona Stelmach, Geeta Trilok Kumar, Mitsuyoshi Urashima, Carlos A. Camargo, Speaker to be confirmed

Correlation between change in lung density and lung function parameters in treated alpha-1 protease inhibitor (A<sub>1</sub>-PI) deficiency
Helmut Teschler, Niels Seersholm, Kenneth R. Chapman, Marion Wencker, Michael Fries, Oliver Vit, N. Gerard McElvaney, Speaker to be confirmed

Increased proportion of slow decliners in patients with alpha-1 protease inhibitor (A<sub>1</sub>-PI) deficiency following treatment with A<sub>sub>1</sub>-PI
Noel Gerard McElvaney, Niels Seersholm, Kenneth R. Chapman, Marion Wencker, Michael Fries, Oliver Vit, Speaker to be confirmed

Effectiveness of rituximab (RTX) therapy in recurrent granulomatosis with polyangiitis (GPA)
Dariusz Gawryluk, Justyna Fijolek, Elzbieta Wiatr, Speaker to be confirmed

Combination of pentoxifylline and vitamin E for the treatment of sarcoidosis: Retrospective analysis
Alexander Vizel, Irina Vizel, Speaker to be confirmed

08:30 - 10:30
Oral Presentation: IPF treatment I
Chairs:

Long-term safety of pirfenidone (PFD) in patients with idiopathic pulmonary fibrosis (IPF): Pooled analysis of 4 clinical trials
Paul Noble, Carlo Albera, Lisa Lancaster, Phillip Hormel, Henry Hulter, Ulrich Costabel, Speaker to be confirmed

Benefit of treatment with pirfenidone (PFD) persists over time in patients with idiopathic pulmonary fibrosis (IPF) with limited lung function impairment
Paul Noble, Carlo Albera, Klaus-Uwe Kirchgaessler, Frank Gilberg, Ute Petzinger, Ulrich Costabel, Speaker to be confirmed
<table>
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<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
<th>Speaker to be confirmed</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Annual rate of FVC decline in patients with IPF treated with pirfenidone: Pooled analysis from 3 pivotal studies</td>
<td>Paul Noble, Carlo Albera, Willis Chou, Ulrich Costabel, Bann-mo Day, Ian Glaspole, Marilyn Glassberg, Lisa Lancaster, David Lederer, Steven Nathan, Carlos Pereira, John Stauffer, Jeffrey Swigris</td>
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<td>09:15</td>
<td>Effect of baseline composite physiologic index on benefit of nintedanib in IPF</td>
<td>Athol Wells, Jürgen Behr, Wibke Stansen, Susanne Stowasser, Toby Maher</td>
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<tr>
<td>09:30</td>
<td>Analysis of patients with idiopathic pulmonary fibrosis (IPF) with percent predicted forced vital capacity (FVC)&lt;50% treated with pirfenidone (PFD) in RECAP</td>
<td>Ulrich Costabel, Carlo Albera, Klaus-Uwe Kirchgaessler, Frank Gilberg, Ute Petzinger, Paul Noble</td>
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<td>09:45</td>
<td>Final analysis of RECAP, an open-label extension study of pirfenidone in patients with idiopathic pulmonary fibrosis (IPF)</td>
<td>Ulrich Costabel, Carlo Albera, Lisa Lancaster, Phillip Hormel, Henry Hulter, Paul Noble</td>
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<td>10:00</td>
<td>Twenty-four week decline in forced vital capacity predicts mortality at week 52 in the INPULSIS® trials</td>
<td>Luca Richeldi, Arata Azuma, Moïses Selman, Wenbo Tang, Jorge Capapey, Susanne Stowasser, Vincent Cottin</td>
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**Oral Presentation: New genomic targets in pulmonary disease**

**Chairs:**

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<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
<th>Speaker to be confirmed</th>
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<tbody>
<tr>
<td>08:30</td>
<td>LSC Abstract - Global gene expression analysis of the mucociliary differentiation process of human bronchial epithelial cells at the air-liquid interface</td>
<td>Jeremy Parker, Stefan Piatek, William Cookson, Miriam Moffatt</td>
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<td>08:45</td>
<td>LSC Abstract - Non-canonical WNT signaling is mediated by extracellular vesicles in pulmonary fibrosis</td>
<td>Aina Martin, Sarah Vierkotten, Thomas Hofer, Marion Frankenberger, Jürgen Behr, Michaela Aichler, Axel Walch, Melanie Kö nigshoff</td>
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<tr>
<td>09:00</td>
<td>FKBP5 a candidate for corticosteroid insensitivity in COPD</td>
<td>Alen Faiz, Dirkje S. Postma, Gerard H. Koppelman, Pieter S. Hiemstra, Peter J. Sterk, Wim Timens, Katrina Steiling, Avrum Spira, Irene H. Heijink, Maarten van den Berge</td>
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<td>09:15</td>
<td>LSC Abstract - Epigenome-wide mapping of histone modification landscape in human pulmonary arterial hypertension</td>
<td>Prakash Chelladurai, Swati Dubral, Carsten Künnne, Shobha Rani Basineni, Mario Schmoranzer, Christine Weber, René Reiner Nötzold, Florian Finkernagel, Mario Looso, Werner Seeger, Uta-Maria Bauer, Soni Savai Pullamsetti</td>
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<td>09:30</td>
<td>Determining genomic rearrangements in clinical lung specimens for assessment of metastatic disease, actionable targets and disease monitoring</td>
<td>Stephen Murphy, Faye Harris, Giannoula Karagouga, Dennis Wigle, George Vasmatzis, Marie Christine Aubry</td>
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<td>09:45</td>
<td>Quantitative detection of ALK rearrangements using droplet digital PCR (ddPCR) in liquid biopsies of patients with non-small cell lung cancer (NSCLC)</td>
<td>Aurélie Swalduz, Laurent Alberti, Valérie Combaret, Sandra Ortiz Cuaran, Sylvie Lantuajoul, Juliette Roussel, Agnès Lancon, Séverine Martinez, Véronique Haddad, Dominique Arpin, Jaouali Zouheir, Maurice Pérol, Pierre Saintigny</td>
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<td>10:00</td>
<td>LSC Abstract - Host-environmental IL-1b drives mutant KRAS-IKK K addiction in malignant pleural effusion</td>
<td>Antonia Marazzioti, Malamati Vreka, Anastasios Giannou, Nikolaos Kanellakis, Magda Spella, Theodora Agalioti, Ioanna Giopanou, Georgios Statopoulos</td>
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**Oral Presentation: Cardiovascular and metabolic pathophysiology and outcome of obstructive sleep apnoea**

**Chairs:**
**Oral Presentation: Asthma: from basic mechanisms to novel therapeutic perspectives**

**Chairs:**

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<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>08:30</td>
<td>The TRPV4 ion channel plays a key role in allergic asthma</td>
<td>Mark Birrell, Sara J. Bonvini, Katie E. Baker, Bilel Dekkak, Montse Miralpeix, Gema Tarrason, Maria G. Belvisi</td>
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<tr>
<td>08:45</td>
<td>Cluster analysis on longitudinal data of patients with adult-onset asthma</td>
<td>Pinja Ilmarinen, Leena E. Tuomisto, Onni Niemelä, Minna Tommola, Jussi Haanpää, Hannu Kankaanranta</td>
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<td>09:00</td>
<td>Long-term effects of bronchial thermoplasty on airway smooth muscle and collagen deposition in severe asthma</td>
<td>Jamila Chakir, Ikhlass Haj Salem, Louis-Philippe Boulet, Sabrina Biardel, Noel Lampron, Simon Martel, Michel Laviolette</td>
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<td>09:15</td>
<td>Use of beta-blockers and the risk of asthma exacerbations</td>
<td>Katia M.C. Verhamme, Ulrike Goditiabois, Marjolein Engelkes, Miriam Sturkenboom, Bruno Stricker, Guy Brusselle</td>
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<td>09:30</td>
<td>Dipetidyl peptidase-4 (DPP-4) may predict response to tralokinumab in patients with asthma</td>
<td>Koustubh Ranade, Michael Kuziora, Tuyet-Hang Pham, Gautam Damera, Philip Z. Brohawn, Fernanda Pilatx, Katie Streicher, Scott Martinez, Inna Vainshtein, Meina Liang, Dewei She, Edward Piper, Christopher E. Brightling, Richard Martin</td>
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<td>09:45</td>
<td>Reslizumab (RES) in patients (pts) with inadequately controlled asthma and elevated blood eosinophils (EOS): Analysis of two phase 3, placebo-controlled trials</td>
<td>Johann Christian Virchow, James Zangrilli, Sivan Weiss, Stephanie Korn, Speaker to be confirmed</td>
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<td>10:00</td>
<td>Dupilumab reduces severe exacerbations in periostin-high and periostin-low asthma patients</td>
<td>Sally Wenzel, Brian Swanson, Ariel Teper, Jennifer Hamilton, Kenji Izuhara, Shoichiro Ohta,Junya Ono, Hongjie Zhu, Bingzhi Zhang, Heribert Staudinger, Neil M.H. Graham, Gianluca Pirozzi, Speaker to be confirmed</td>
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08:30 - 10:30

**Oral Presentation: Clinical and microbiological aspects of infections in COPD patients**

**Chairs:**

### 08:30

**Airway glucose in COPD exacerbations**
Jessica Webber, John Tregonning, Maria-Belen Trujillo-Torralbo, Maria Calderazzo, Richard Hewitt, Hugo Farne, Joseph Footitt, Philip Molyneaux, Sebastian Johnston, Patrick Mallia, Speaker to be confirmed

### 08:45

**Can neutrophil to lymphocyte ratio be used as infection marker in COPD patients with chronic respiratory failure**
Eylem Acarturk Tuncay, Emine Aksoy, Cuneyt Salturk, Sinem Gungor, Nezihe Ciftaslan Goksenoglu, Dilek Yavuz, Ozlem Yazicioglu Mocin, Gokay Gungor, Nalan Adiguzel, Zuhal Karakurt, Speaker to be confirmed

### 09:00

**High summer temperatures induce more admissions due to AECOPD in urban hospitals**
Jana Bahati Heinsohn, Melissa Juhn, Vanessa Dostal, Marc Hanisch, André Jean Schubert, Wulf Pankow, Christian Witt, Speaker to be confirmed

### 09:15

**Profiling the COPD airway microbiome using quantitative culture and 16S rRNA gene sequencing**
Simon Brill, Phillip James, Leah Cuthbertson, Michael Cox, William Cookson, Jadwiga Wedzicha, Miriam Moffat, Speaker to be confirmed

### 09:30

**Quantitative analysis of potentially pathogenic microbes (PPMs) in the induced sputum of non-smoker COPD (NS-COPD) subjects**
Baisakhi Ghosh, Amit Agarwal, Akshay Gaik, Shrikant Bhute, Shreyas Kumbhare, Kanchan Pyasi, Bill Brassher, Yogesh Shauche, Sundeeep Salvi, Peter Barnes, Louise Donnelly, Speaker to be confirmed

### 09:45

**Bacterial infection in hospitalized patients of acute exacerbation of COPD and their relation to lung function: A prospective study**
Ashok Kuwal, Vinod Joshi, Speaker to be confirmed

### 10:00

**Specific immune response against pseudomonas aeruginosa and haemophilus influenzae in severe COPD**
Laura Millares Costas, Sara Martí, Carmen Ardanuy, Josefin Liñares, Salud Santos, Jordi Dorca, Marian Garcia, Eduard Monsó, Speaker to be confirmed

08:30 - 10:30

**Oral Presentation: Lung cancer immunology: latest research**

**Chairs:**

### 08:30

**LSC Abstract - Transcriptomic profiling of macrophages isolated from human non-small cell lung carcinoma (NSCLC) reveals novel macrophage subsets with distinct tumour response features**
Eva Maria Garrido-Martin, Rocío Martinez-Nunez, Toby Mellows, Christian H. Ottensmeier, Pandurangan Vijayanand, Tilman Sanchez-Elsner, Speaker to be confirmed

### 08:45

**Regulatory vs. cytotoxic cells in lymph nodes of lung cancer patients resected by TEM LA**
Joanna Domagala-Kulawik, Iwona Osinska, Dominika Wolosz, Monika Pasieka-Lis, Juliusz Pankowski, Speaker to be confirmed

### 09:00

**Histocytic vessel invasion and visceral pleural invasion are correlated with EMT, cancer stemness and resistance to therapy in lung adenocarcinoma**
Shinya Neri, Toshi Menju, Akihiko Yoshizawa, Terumasa Sowa, Hideki Motoyama, Kyoko Hijiya, Toyofumi Chen-Yoshikawa, Akiko Aoyama, Toshinriko Sato, Makoto Sonobe, Hiroshi Date, Speaker to be confirmed

### 09:15

**A high-throughput RNAi screen for detection of immune-checkpoint molecules that mediated cytotoxic T lymphocytes in lung cancer**
Mian Xie, Yinyin Gu, Ming Liu, Jiexia Zhang, Speaker to be confirmed

### 09:30

**The prognostic influence of tumor infiltrating M 1 and M 2 phenotype macrophages in resected non-small cell lung cancer**
Jurgita Jackute, Marius Zemaitis, Darius Pranys, Brigita Sitkauskiene, Skaidrius Miliauskas, Raimundas Sakalauskaus, Speaker to be confirmed

### 09:45

**Vertebral <sup>18</sup>F-FLT uptake predicts hematological toxicity after systemic chemotherapy in patients with lung cancer**
Yukihiro Umeda, Miwa Morikawa, Masaki Anzai, Shingo Ameshima, Maiko Kadokaki, Chisato Honjo, Hiroyuki Sakai, Tomoki Sonoda, Akiko Shimada, Tetsuya Tsujikawa, Yasushi Kiyono, Hidehiko Okazawa, Tamotsu Ishizuka, Speaker to be confirmed
### Symposium: Respiratory syncytial virus: new therapies, but what impact?

**Aims:** The aims of this session are to help the audience understand the scale and impact of respiratory syncytial virus (RSV) infection in developed and developing nations; describe the many Phase I and II trials that are currently testing strategies for treating and preventing RSV; and debate the potential impact that such therapies may have on future respiratory health.

**Track(s):** Paediatric  
**Tag(s):** Clinical  
**Chairs:** Jonathan Grigg (London, United Kingdom), Nicolas Regamey (Lucerne, Switzerland)

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<th>Time</th>
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<th>Speaker/Location</th>
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<tbody>
<tr>
<td>10:45</td>
<td>Global scale and impact of RSV infection</td>
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<tr>
<td>11:15</td>
<td>Matching RSV treatments and vaccines to target groups</td>
<td>Peter Openshaw (London, United Kingdom)</td>
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<td>11:45</td>
<td>Reducing RSV infection will have a significant impact on future respiratory health: pro</td>
<td>Louis Bont (Utrecht, Netherlands)</td>
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<tr>
<td>12:15</td>
<td>Reducing RSV infection will have a significant impact on future respiratory health: con</td>
<td>Hans Bisgaard (Copenhagen, Denmark)</td>
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### Symposium: Influenza and respiratory physicians

A joint ERS/ESWI symposium

**Aims:** The aims of this session are to describe the epidemiology of influenza infection; examine the factors that increase the risk of influenza infection; and discuss new and potential future therapies.

**Track(s):** Epidemiology / Environment, Infection  
**Tag(s):** Translational  
**Chairs:** Gernot G.U. Rohde (Maastricht, Netherlands), Susanne Herold (Giessen, Germany)

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<tr>
<td>10:45</td>
<td>Epidemiology of flu in the last decade: trends and fears</td>
<td>Albert Osterhans (Hannover, Germany), Speaker to be confirmed</td>
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<tr>
<td>11:15</td>
<td>Protecting high-risk individuals against flu</td>
<td>Janet McElhaney (Farmington, United States of America)</td>
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<td>11:45</td>
<td>Management of the critically-ill influenza patient</td>
<td>Jean-Louis Vincent (Brussels, Belgium), Speaker to be confirmed</td>
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<td>12:15</td>
<td>Who gets severe influenza, and why</td>
<td>Peter Openshaw (London, United Kingdom)</td>
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### Symposium: Molecular footprints in lung cancer diagnosis and management

**Aims:** To examine the evidence behind current perceptions of molecular biomarkers, genetics, and genomics in thoracic oncology; to provide an overview of the cutting-edge research in terms of lung cancer treatment.

**Track(s):** Oncology  
**Tag(s):** Translational  
**Chairs:** Jean-Paul Sculier (Brussels, Belgium), Chair to be confirmed

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<tr>
<td>10:45</td>
<td>Molecular predictors of disease progression: have we made any progress?</td>
<td>Torsten Gerriet Blum (Berlin, Germany)</td>
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<td>11:15</td>
<td>Discovery of new drugs in thoracic oncology</td>
<td>Anne-Marie Dingemans (Maastricht, Netherlands)</td>
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<td>11:45</td>
<td>Lung cancer: what are the genetic and genomic perspectives?</td>
<td>Kwun Fong (Brisbane, Australia), Speaker to be confirmed</td>
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<tr>
<td>12:15</td>
<td>Stem cells and lung cancer treatment: any hope?</td>
<td>Sam Janes (London, United Kingdom)</td>
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10:45 - 12:45

Symposium: Chronic graft-versus-host disease and chronic allograft dysfunction after lung transplantation: similarities and dissimilarities

**Aims:** The aim of the session is to explore the similarities between lung graft-versus-host disease (GVHD) and chronic lung allograft dysfunction (CLAD). The pathological clinical and therapeutic aspects will be detailed and compared, and common diagnostic and therapeutic strategies will be discussed.

**Track(s):** Paediatric

**Tag(s):** Clinical

**Chairs:** Federica Meloni (Pavia, Italy), Geert Verleden (Leuven, Belgium)

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<tr>
<td>10:45</td>
<td>Obstructive pulmonary function defect in chronic GVHD and after lung transplantation: common mechanisms?</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>11:15</td>
<td>Restrictive pulmonary function defect in chronic GVHD and after lung transplantation: common mechanisms?</td>
<td>Anne Bergeron Lafaurie (Paris, France)</td>
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<tr>
<td>11:45</td>
<td>Obstructive and restrictive pulmonary function defect after chronic GVHD and lung transplantation: a pathologist's view</td>
<td>Jan H. von der Thüsen (London, United Kingdom)</td>
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<tr>
<td>12:15</td>
<td>Treatment options in chronic GVHD and CLAD post lung transplantation</td>
<td>Robin Vos (Leuven, Belgium)</td>
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10:45 - 12:45

Hot topics: Pulmonary arterial hypertension: future therapeutic approaches preceded by Ceremony for the ERS Award for Lifetime Achievement in Pulmonary Arterial Hypertension

**Aims:** In the last year, several very relevant scientific papers have appeared in high impact journals that have increased our understanding of pulmonary arterial hypertension. Through a review of their translational work, the authors of these papers will give an update on current insights into the pathophysiology and pathobiology of pulmonary arterial hypertension.

**Track(s):** Physiology

**Tag(s):** Translational

**Chairs:** Harm Jan H.J. Bogaard (Amsterdam, Netherlands), Jose Gomez-Arroyo (Baltimore, United States of America), Chair to be confirmed

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<th>Time</th>
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<td>10:45</td>
<td>Ceremony for ERS Award for Lifetime Achievement in Pulmonary Arterial Hypertension</td>
<td>Speaker to be confirmed</td>
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<td>10:55</td>
<td>Introduction: overview of pathogenesis in pulmonary arterial hypertension</td>
<td>Harm Jan H.J. Bogaard (Amsterdam, Netherlands)</td>
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<td>11:17</td>
<td>Targeting BMPR-II in pulmonary arterial hypertension</td>
<td>Paul Upton (Cambridge, United Kingdom)</td>
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<td>11:39</td>
<td>Modulating the vascular response to chronic hypoxia</td>
<td>Zhao Lan (London, United Kingdom)</td>
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<td>12:01</td>
<td>The role of transcription factor in pulmonary hypertension</td>
<td>Soni Savai Pullamsetti (Bad Nauheim, Germany)</td>
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<td>12:23</td>
<td>Epigenetic modulation of right ventricular failure</td>
<td>Roxane Paulin (Quebec, Canada)</td>
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10:45 - 12:45

Session: Working together to drive investment and innovation in asthma research an ERS/The European Asthma Research & Innovation Partnership (EARIP) joint session

**Aims:** The aim of this session is to outline the state-of-the-art in current basic, clinical and translational asthma research, defining and driving the asthma research agenda in Europe.

**Tag(s):** Clinical, Translational

**Target audience:** also open to all clinicians and healthcare managers who provide care of support services for people with asthma.

**Chairs:** Nikolaos G. Papadopoulos (Athens, Greece), Samantha Walker (London, United Kingdom)
10:45  Understanding asthma  
Sebastian L. Johnston (London, United Kingdom)

11:10  Phenotypic stratification of asthma  
Sven-Erik Dahlén (Stockholm, Sweden)

11:35  Diagnosis and monitoring  
Luis García-Marcos Alvarez (El Palmar (Murcia), Spain)

12:00  The Asthma Roadmap (patient perspective)  
Kjeld Hansen (Oslo, Norway)

12:20  The asthma roadmap  
Pippa Powell (Sheffield, United Kingdom)

10:45 - 12:45  
Session: State-of-the-art research techniques from Royal Brompton Hospital and Imperial College London II  
Aims: Find out how research is done and how techniques are applied to translational studies with video presentations and discussion with the researchers and clinical scientists. Each presentation (30 min) will cover the steps in research in a series of videos and slides, followed by Q&A session.  
Chairs: Peter J. Barnes (London, United Kingdom)

10:45  Macrophages  
Kylie Belchamber (London, United Kingdom)

11:15  Alveolar cells  
Andrew Thorley (London, United Kingdom)

11:45  Nasoabsorption and bronchoabsorption  
Trevor Hansel (London, United Kingdom)

12:15  Ciliary dysfunction  
Andrew Bush (London, United Kingdom)

10:45 - 12:45  
Session: ERS Statements and Technical Standards recent outcomes  
Aims: The aim of this session is to highlight the outcome of ERS Statement and Technical Standard documents recently developed by Task Forces.  
Tag(s): Clinical  
Target audience: Clinician, General practitioner, Nurse, Fellow, Junior member, Lung function technician, Respiratory physician  
Chairs: Marc Miravitlles (Barcelona, Spain), Marc Humbert (Paris, France)

10:45  Update of ATS/ERS standardisation of the single breath uptake of CO in the lung  
Speaker to be confirmed

11:09  An official ERS Technical Standard: Exhaled biomarkers in lung disease  
Gerald Zavorsky (Louisville, United States of America)

11:33  An official ERS Technical Standard: Exhaled biomarkers in lung disease  
Ildikó Horváth (Budapest, Hungary)

10:45 - 12:45  
Poster Discussion: Best abstracts in physical activity and telemedicine  
Chairs:

- Transportation period detection for physical activity monitoring using an inertial sensor on the lower-back  
  Aki Kunikoshi, Martijn Niessen, Evert Pengel, Bas Huijben, Rob C. van Lummel, Speaker to be confirmed

- Physical activity heterogeneity in COPD; meaningful analysis of data  
  Chris Newby, Karam Aboud, Bethan Barker, Maria Shelley, Karen Edwards, Leena George, Linzy Houchen-Wolloff, Chris Brightling, Sally Singh, Speaker to be confirmed
Physical activity determinants in COPD patients in the community
Maria Hernandez Bonaga, Fabricio Zambom Ferraresi, José Antonio Cascante Rodrigo, Javier Hueto Pérez de Heredia, Pilar Cebollero Rivas, Milagros Antón, Speaker to be confirmed

Predictors of physical activity in patients with idiopathic pulmonary fibrosis
Kazuya Shingai, Hiroyuki Taniguchi, Fumiko Watanabe, Tomoyo Ogawa, Yasuhiro Kondoh, Tomoki Kimura, Kenseke Kataoka, Masashi Kamezaki, Shinichi Arizono, Speaker to be confirmed

Aerobic interval training induces clinically meaningful effects in daily physical activity in COPD
Zafeiris Louvaris, Stavroula Spetsioti, Eleni A. Kortianou, Maroula Vasiliopoulou, Ioannis Nasis, George Kaltasakas, Nikolaos G. Kolouris, Ioannis Vogiatzis, Speaker to be confirmed

Participation in physical activity during hospital and home-based pulmonary rehabilitation for people with COPD
Aroub Lahham, Angela Burge, Christine McDonald, Ajay Mahal, Catherine Hill, Annemarie Lee, Rosemary Moore, Narelle Cox, Rebecca Ndongo, Anne Holland, Speaker to be confirmed

Maintaining an active lifestyle of patients with occupational lung diseases: A randomized controlled study
Katrin Mueller, Nicola Kotschy-Lang, Petra Wagner, Speaker to be confirmed

Purposeful physical activity in COPD patients comparing standard and web based pulmonary rehabilitation
Amy Barnes, Chris Newby, Emma Chaplin, Linzy Houchen-Wolloff, Sally Singh, Speaker to be confirmed

Relationships between balance and physical activity measured by an accelerometer in elderly COPD patients
Masahiro Ikawara, Kazuki Okura, Atsuyoshi Kawagoshi, Kazuyuki Shiota, Masahiro Satake, Keiyu Sugawara, Hitomi Takahashi, Mitsunobu Homma, Takeshi Kashiwagura, Takanobu Shioya, Speaker to be confirmed

Do pedometers maintain the benefits of pulmonary rehabilitation in COPD patients?
Claire M. Nolan, Matthew Maddocks, Jane L. Canavan, Sarah E. Jones, Samantha S.C. Kon, Djeya Kaliaraju, Michael I. Polkey, William D.-C. Man, Speaker to be confirmed

Evolution of automatic and controlled motivation toward physical activity and sedentary behaviors during pulmonary rehabilitation
Chevance Guillaume, Nelly Héraud, Alain Varray, Julie Boiché, Speaker to be confirmed

A lifestyle physical activity intervention is associated with fewer self-reported COPD-related hospitalizations
David Coultas, Bradford Jackson, Minyong Uhm, Karan Singh, Sejong Bae, Speaker to be confirmed

Impact of step exercises as an early intervention during COPD exacerbation
Diego Augustin Rodriguez, Anna Rodo-Pin, Mónica Guerrero, Roser Coll, Arturo Huerta, Nestor Soler, Ester Marco, Cristina Estirado, Antoni Torres, Eduard Monsó, Joaquim Gea, Speaker to be confirmed

Physical activity assisted by interactive video gaming as new treatment approaches in COPD rehabilitation of patients at home: Observation, satisfaction and impact on quality of life
Tanguy Marqueste, Alizée Chapon, Florie Sibourd, Bruno Escarguel, Mathieu Larrousse, Louis Marqueste, Speaker to be confirmed

Patient education with telephone follow-up for chronic obstructive pulmonary disease and essential hypertension
Aida Imanalieva, Denis Vinnikov, Nurlan Brimkulov, Speaker to be confirmed

An interactive web-based pulmonary rehabilitation programme: A randomised controlled feasibility trial
Emma Chaplin, Stacey Hewitt, Lindsay Apps, Kelly Edwards, Chris Brough, Aga Glab, John Bankart, Ruth Jacob, Sally Schredere, Johanna Williams, Sally Singh, Speaker to be confirmed

Telerehabilitation in people with chronic obstructive pulmonary disease (COPD): A randomised controlled trial
Ling Ling Tsai, Renae McNamara, Chloe Moddel, David McKenzie, Jennifer Alison, Zoe McKeough, Speaker to be confirmed

Exercise capacity and activity levels in people with COPD who experience exercise-induced oxygen desaturation
Zoe McKeough, Regina Leung, Christine McDonald, Sue Jenkins, Anne Holland, Kylie Hill, Norman Morris, Catherine Hill, Annemarie Lee, Nola Cecins, Helen Seale, Lissa Spencer, Sally Wootton, Cindy Ng, Jennifer Alison, Speaker to be confirmed
Utility of EUS-B-FNA for the diagnosis of EBUS-TBNA inaccessible intrathoracic lesions
Masahide Oki, Hideo Saka, Chiyoe Kitagawa, Yoshitoyo Kogure, Saori Oka, Masashi Nakahata, Kazumi Hori, Yuko Ise, Yasushi Murakami, Speaker to be confirmed

EUS-B-FNA vs EUS-FNA for left adrenal gland analysis in lung cancer patients
Laurence M.M.J. Crombag, Artur Szlubowski, Jos Stigt, Olga Schuurbiers, Jouke Annema, Speaker to be confirmed

Esophageal ultrasound (EUS) for mediastinal tumor invasion (T4) in NSCLC
Jolanda C. Kuijvenhoven, Laurence Crombag, David Breen, Inge vd Berk, Willem-Jan van Boven, M.I.M. Versteegh, Jouke Annema, Speaker to be confirmed

Combined endobronchial and endoscopic ultrasound-guided needle aspiration performed by single ultrasound bronchoscopes routine videobronchoscopy for diagnosis of advanced lung cancer – A prospective study
Ewa Pasko, Jolanta Serafin-Bromblik, Witold Piekarz, Maciej Chodorowski, Jerzy Kozielski, Joanna Wegryn, Juliusz Pankowski, Adam Cmiel, Jerzy Soja, Artur Szlubowski, Speaker to be confirmed

Impact of anesthesia on cytology quality obtained during EBUS-TBNA, EUS-b-FNA or EUS-FNA in patients with mediastinal adenopathies
Ilya Sivokozov, Irina Shabalina, Olga Lovacheva, Galina Evgushenko, Dmitry Dedushkin, Eduard Artemkin, Sergey Sokolov, Boris Lensky, Natalya Li, Svetlana Pavlova, Michail Burdyukov, Ilya Yurichev, Speaker to be confirmed

A novel flexible 19G EBUS-TBNA needle: Absolute and relative performance in patients
Anna Szaniec, Xavier Gonzalez, Lina Zucatosta, Stefano Gasparini, Daniela Gompellman, Felix Herth, Samuel Kemp, Pallav Shah, Maciej Gnass, Artur Szlubowski, Speaker to be confirmed

The value of EBUS in the diagnosis of bronchi Dieulafoy's disease
Weizhong Jin, Speaker to be confirmed

A multimodal image guiding system for navigated endobronchial ultrasound (EBUS): Human pilot
Hanne Sorger, Tore Amundsen, Erleng Fagertun Hofstad, Thomas Langø, Håkon Olav Leira, Speaker to be confirmed

Molecular analysis of peripheral non-squamous non-small cell lung cancer sampled by radial EBUS
Florian Guisier, Mathieu Salaün, Samy Lachkar, Aude Lamy, Nicolas Piton, Bérengère Obstoy, Jean-Christophe Sabourin, Luc Thierville, Speaker to be confirmed

Myeloid antigen presenting cells in lung adenocarcinoma lymph nodes assessed by endobronchial ultrasound
Antonio Alexandre Pinto Bugalho de Almeida, Catarina Martins, Zélia Silva, Inês Ferreira, Paula Videira, Speaker to be confirmed

Endobronchial ultrasound guided biopsy (EBUS-TBNA) for staging of patients with lung cancer without mediastinal involvement at positron emission tomography-computed tomography (PET-CT)
Therese Maria Henriette Naur, Lars Konge, Paul Frost Clemensen, Speaker to be confirmed

Does anthracotic pigments reported in EBUS-TBNA exclude lymph node metastasis?
Serhat Erol, Onur Fevzi Erer, Ceyda Anar, Serir Aktogu, Zekiye Aydogdu, Speaker to be confirmed

EBUS-TBNA in positron emission tomography (PET) positive mediastinal lymph nodes in previously radically treated malignancies
Juliana Guarize, Elena Magni, Chiara Casadio, Stefano Donghi, Nicolo Filippi, Valerio Mido, Monica Casiragi, Francesco Petrella, Daniela Brambilla, Patrick Maissonneuve, Lorenzo Spaggiari, Speaker to be confirmed

Impact of sedation type on diagnostic yield of EBUS-TBNA: General anesthesia vs moderate sedation
Hatice Kaya, Tuncer Ozkisa, Ufuk Turhan, Mehmet Aydogan, Seyfettin Gumus, Omer Deniz, Ergun Tozkoparan, Speaker to be confirmed

Endobronchial ultrasound elastography for the prediction of malignant intrathoracic lymph nodes during EBUS-TBNA
Jiayuan Sun, Lei Wang, Xiaowei Ma, Xiaoxuan Zheng, Baohui Han, Speaker to be confirmed
**EBUS-STAT subscores analysis to assess the efficacy of virtual reality simulation for EBUS-TBNA training**
Simone Scarlata, Patrizio Palermo, Piero Candoli, Ariela Tofani, Tommasangelo Petitti, Lorenzo Corbetta, Speaker to be confirmed

**Features predicting malignancy in mediastinal lymph nodes by endobronchial ultrasound in Indian setting: Is it different?**
Jeenam Shah, Rajiv Goyal, Chetan Nemani, Kedar Hibare, Speaker to be confirmed

**Influence of the cell block in the diagnostic yield of sarcoidosis by sectorial endobronchial ultrasound**
Tara Pereiro Brea, Antonio Luis Golpe, Jose Manuel Alvarez-Doban, Juan Suarez-Antelo, Lucia Ferreiro-Fernandez, Romina Abelleira-Paris, Vanessa Riveiro-Blanco, Nuria Rodriguez-Nunez, Luis Valdes-Cuadrado, Speaker to be confirmed

**10:45 - 12:45**

**Poster Discussion: IPF: from pathogenesis to treatment II**

**Diagnosis, treatment and attitudes about idiopathic pulmonary fibrosis in Latin American physicians**
Ivan Cherrez Ojeda, Vincent Cottin, Juan Calderon, Erick Calero, Dayana Cabrera, Annia Cherrez, Jose Martin Vilema, Speaker to be confirmed

**Clinical experience with nintedanib for the treatment of IPF in 80 cases**
Maria Kontou, Velissaria Bousgou, Vasilike Tzilas, Evangelos Bouros, Stamatios Tsimpis, Anreas Granitsas, Evangelos Marozantes, George Dionelis, Nikolaos Koulouris, Demosthenes Bouros, Speaker to be confirmed

**The effect of pirfenidone on impaired lung function in patients with idiopathic pulmonary fibrosis (IPF) from Czech IPF registry**
Monika Zurková, Vít tezslav Kolek, Vladimír ra Loš tá ková, Eva Krievová, Martina Š tercová, Vladimír r Bartoš, Martina Doubková, Ilona Binková, Michal Svoboda, Jana Strenková, Martina Placková, Ladislav Lacina, Vladimir Rihak, František Petrík, Pavlína na Lisá, Radka Bittenglová, Richard Tyl, Gustav Ondrejka, Hana Suldova, Jaroslav Lnenicka, Jana Pětikálová, Tomáš Šnízek, Jiří Homolka, Renata Králová, Jan Kervitzová, Martin Vašáková, Speaker to be confirmed

**Efficacy of pirfenidone in idiopathic pulmonary fibrosis: A single center experience**
Katleen Leceuvre, Els De Dycker, Tom Moerman, Jonas Yserbyt, Wim Wuysts, Speaker to be confirmed

**Long-term safety of combination therapy with nintedanib and pirfenidone in Japanese patients with IPF**
Hiroyuki Taniguchi, Takashi Ogura, Yoshikazu Inoue, Manabu Akimoto, Arata Azuma, Speaker to be confirmed

**Nintedanib for idiopathic pulmonary fibrosis (IPF): Data from the German compassionate use program (CUP)**
Francesco Bonella, Michael Kreuter, Lars Hagmeyer, Claus Neurohr, Claus Keller, Martin J. Kohlhäufl, Joachim Müllner, Kerstin, Katrin Milger, Antje Prasse, Speaker to be confirmed

**Effect of pirfenidone on IPF progression**
Diana Radicella, Ginevra Del Giudice, Assunta Micco, Mariano Mazza, Mario Del Donno, Speaker to be confirmed

**Efficacy and safety of nintedanib in advanced idiopathic pulmonary fibrosis**
Sojung Park, Jisun Lee, Dong Soon Kim, Jin Woo Song, Speaker to be confirmed

**Real life experience with nintedanib in patients with idiopathic pulmonary fibrosis**
Eva Brunnemer, Svenja Ehmers-Tenenbaum, Calus Peter Heussel, Arne Warth, Felix Herth, Michael Kreuter, Speaker to be confirmed

**MiR-185/AKT and miR-29a/collagen 1a pathways are activated in IPF alveolar macrophages**
Eliza Tsioura, Athol U. Wells, Chara Koutoulaki, Konstantinos Karagiannis, Ismini Lasithiotaki, Eirini Vasarmidi, Hiroe Sato, Demetrios A. Spandidos, Nikolaos M. Siafakas, Georgios Sourvinos, Katerina Antoniou, Speaker to be confirmed

**Treg depletion reduces bleomycin-induced pulmonary fibrosis by inducing Th17 and other CD4+T cell subset responses in lung**
Kaustav Chakraborty, Arindam Bhattacharyya, Speaker to be confirmed

**Serum KL-6 as a multidimensional biomarker in patients with idiopathic pulmonary fibrosis**
Hiroyuki Taniguchi, Yasuhiro Kondoh, Taiki Furukawa, Tomoki Kimura, Kensuke Kataoka, Takeshi Johkoh, Junya Fukuoka, Keiko Hasegawa, Speaker to be confirmed
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<th>Title</th>
<th>Authors</th>
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<td>Is toll like receptor 4 a common pathway hypothesis for development of lung cancer and idiopathic pulmonary fibrosis?</td>
<td>Radwa Elhefny, Sabah Ahmed, Marwa Moawad, Mona Abdullatif</td>
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<td>Volumetric CT analysis of normal lung as a predictor of mortality in idiopathic pulmonary fibrosis</td>
<td>Hirotsgu Ohkubo, Mitsuki Yagi, Yasuhiko Kondoh, Takeshi Johkoh, Hiroaki Arakawa, Akio Niimi, Hiroyuki Taniguchi</td>
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<td>First insights from the BTS idiopathic pulmonary fibrosis (IPF) registry</td>
<td>Monica Spiteri, William Chang, Nazia Chaudhuri, Robina K. Coker, Sue Copley, Owen Dempsey, Ian Forrest, Michael Gibbons, Ling-Pei Ho, Toby M. Maher, Helen Parfrey, Luca Richeldi, Lisa Spencer</td>
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<td>Disease progression in early idiopathic pulmonary fibrosis: Insights from the Australian IPF registry</td>
<td>Helen Jo, Ian Glaspole, Yuben Moodley, Sally Chapman, Wendy Cooper, Samantha Ellis, Nicole Goh, Peter Hopkins, Greg Keir, Annabelle Mahar, Paul Reynolds, Haydn Walters, Christopher Zappala, Christopher Grainge, Heather Allan, Tamera Corte</td>
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<td>Survival from acute exacerbation of idiopathic pulmonary fibrosis with or without direct hemoperfusion with polymyxin B-immobilized fiber column: A retrospective analysis</td>
<td>Keiji Oishi, Keisuke Aoe, Yusuke Mimura, Yoriyuki Murata, Kenji Sakamoto, Wataru Koutoku, Tsuneo Matsumoto, Hiroshi Ueoka, Kazuto Mastunaga, Masaumi Yano</td>
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<td>The association between hypertension and neutrophil to lymphocyte ratio in patients with obstructive sleep apnea syndrome</td>
<td>Özlem Erçen Diken, Mesut Arslan, Hülya Deniz, Onur Hanedan</td>
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<td>Effects of normoxic recovery on intermittent hypoxia-induced changes of microbiome in a mouse model of OSA</td>
<td>Isabel Moreno-Indias, Marta Torres, Lidia Sanchez-Alcoholado, Fernando Cardona, Josep Maria Montserrat, Maria I Queipo-Ortuño, Ramon Farre, Isaac Almendros</td>
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<td>Hypoxic and non-hypoxic obstructive sleep disordered breathing. Effect on cytotoxic lymphocytes and metabolic parameters</td>
<td>Richard Staats, Rachel Rodrigues, Margarida Aguiar, Dina Fernandes, Susana Moreira, Joana Moura, Pinto Paula, Bugalho António, Bárbara Cristina, Luis Moita</td>
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<td>Deleterious effects of intermittent hypoxia on lung tissue</td>
<td>Izabela Tuleta, Carmen Pizarro, Georg Nickenegro, Uwe Juergens, Dirk Skowasch</td>
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<td>Overnight urinary isoprostane levels during CPAP withdrawal as a marker of oxidative stress</td>
<td>Christopher Turnbull, Ioannis Akoumianakis, Malcolm Kohler, Charalambos Antoniades, John Stradling</td>
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<td>8-isoprostanes and resistin as markers of vascular damage in non-hypersomnolent obstructive sleep apnea patients</td>
<td>Radostina Cherneva, Zheina Cherneva, Julia Petrova, Daniela Petrova, Ognian Georgiev</td>
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<td>Independent associations between arterial bicarbonate, apnea severity and hypertension in a sleep apnea cohort</td>
<td>Davoud Eskandari, Ding Zou, Ludger Grote, Hartmut Schneider, Thomas Penzel, Jan Hedner</td>
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<td>Progression of subclinical atherosclerosis in obstructive sleep apnea (OSA)</td>
<td>Dinora Polanco Alonso, María Teresa Martínez, Marí Carpi, Victoria Gil Gómez, Pablo Cubero Martín, Marta Forner Vicente, Ana Lilian Simó, Robles, Clara Viña, Ana Mañé, Ana Lucía y Gómez</td>
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<td>Sleep apnea during REM-sleep is associated with early signs of atherosclerosis</td>
<td>Mirjam Ljunggren, Eva Lindberg, Karl Franklin, Marita Larsson, Tord Naessen</td>
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Blood pressure behavior in OSAS patients before and during CPAP determined by a continuously measuring cuff less method
Gert Küchler, Jennifer Gehring, Andreas Patzak, Speaker to be confirmed

Effect of central sleep apnoea on severity and short-term prognosis of acute coronary syndrome
Estefania Galera Lozano, Marina Florés, Jordi De Battle, Alicia Sánchez-de-la-Torre, Manuel Sánchez-de-la-Torre, Josep Maria Montserrat, Ferran Barbé, Speaker to be confirmed

Timely association between obstructive sleep apnea (OSA) and cardiovascular outcome after first acute myocardial infarction (AM1): A national wide population-based study
Ming-Tzer Lin, Chi-Ling Chen, Pei-Lin Lee, Chi-Tai Fang, Speaker to be confirmed

Obstructive sleep apnea and cardiovascular risk markers in community individuals- Results from the sleep apnea and vascular evaluation (SAVE) study
Vanesa Loh, Yan Yi Cheung, Siew Pang Chan, See Meng Khoo, Chi-Hang Lee, Vanesa Loh, Speaker to be confirmed

Protective cardiovascular effect of sleep apnea severity in obesity hypoventilation syndrome
Juan Fernando Masa Jiménez, M. Ángeles Sánchez-Quiroga, Jaime Corral, Auxiliadora Romero, Candela Caballero, Joaquín Terán, Santos, Maria L. Alonso-Álvarez, Teresa Gomez-García, Mónica González-López, Soledad López-Cambriles, Eusebi Chiner, Erika Miranda, Carlos Egea, Ana Obeso, Babak Mokhlesi, Speaker to be confirmed

The effects of CPAP withdrawal in patients with OSA on hypoxia-induced markers
Christopher Turnbull, Peter Santer, Esther Schwarz, Valentina Rossi, Malcolm Kohler, John Stradling, Nayia Petousi, Speaker to be confirmed

Long-term effects of CPAP on blood pressure in non-resistant hypertensive patients with obstructive sleep apnea: A 30 month prospective study
Oana Claudia Deleanu, Corina Ioana Oprea, Andra Elena Malaut, Ana Maria Zaharie, Miruna Mihaela Mihcă, Natalia Patrascu, Florin Dumitru Mihaltan, Speaker to be confirmed

Adaptive servo-ventilation for central sleep apnea in systolic heart failure does not improve muscle sympathetic nerve activity: A SERVE-HF substudy
Renaud Tamisier, Jean-Louis Pépin, Muriel Salvat, Holger Woehrle, Gilles Barone-Rochette, Cécile Rocca, Helmut Teschler, Martin R. Cowie, Patrick Levy, Speaker to be confirmed

ServeHF in real life
Natascha Troester, Michael Palfner, Christoph Wohlkoenig, Martin Trinker, Markus Dominco, Alexander Avian, Speaker to be confirmed

10:45 - 12:45
Poster Discussion: Electronic cigarette

Exposure to e-cigarette advertising in the European Union
Filippos T. Filippidis, Constantine Vardavas, Speaker to be confirmed

E-cigarette experimentation and support for tobacco control policies in the European Union
Filippos T. Filippidis, Constantine Vardavas, Speaker to be confirmed

A 2015 national survey of e-cigarette use among Irish youth
Sheila Keogan, Keisha Taylor, Kate Babineau, Luke J. Clancy, Speaker to be confirmed

Effect of E-cigarette vapour on susceptibility to S. pneumoniae infection
Lisa Miyashita, Reetika Suri, Richard van Zyl-Smit, Jonathan Grigg, Speaker to be confirmed

Vaped e-cigarette condensate is more cytotoxic than unvaped ECL on alveolar macrophages
Aaron Scott, Sebastian Lugg, Kerrie Aldridge, Rachel Dancer, Davinder Dosanjh, David Thickett, Speaker to be confirmed

Toxicological and inflammatory effects of electronic cigarette extracts using in vitro and ex vivo lung models
Greg Rankin, Hakan Wingfors, Barbro Ekstrand-Hammarström, Magnus Lundbäck, Jenny Bossen, Speaker to be confirmed

Heterogeneity in the measurement and reporting of outcomes in studies of electronic cigarette use in adolescents, a systematic analysis of observational studies
Carlos Echevarría, Ian Sinha, Speaker to be confirmed
Electronic cigarette: Friend or foe?
Radwa Elhefny, Mohamed Amin, Assem Elessawy, Esam Esam Gad El-Rab, Speaker to be confirmed

Nicotine dosage in e-liquide use by Parisian schoolchildren?
Bertrand Dautzenberg, Pierre Birkui, Nicole Rieu, Marie-Dominique Dautzenberg, Speaker to be confirmed

Prevalence and perception of electronic cigarette (e-cigarette) use in an Irish cohort
Darragh Enright, Nicola J. Ronan, Bernadette Bowen, Mary Daly, Claire Fleming, Joseph A. Eustace, Desmond M. Murphy, Marcus P. Kennedy, Michael T. Henry, Barry J. Plant, Speaker to be confirmed

Perceptions and use of electronic cigarette in adult smokers followed in a specialized smoking cessation clinic
Jose Pedro Boleo-Tome, Telma Sequeira, Susana Amorim, Susana Beirão, Carla Simão, Carolina Sousa, Luciana Bento, Cecília Pardal, Speaker to be confirmed

Knowledge, attitude and perception regarding e-cigarette among post graduate medical trainees in Pakistan
Shaista Ghazal, Saima Akhter, Hafsa Waqar Aziz, Usman Ali Warraich, Wasib Hussain Shah, Ujala Javed, Imad Ud Deen, Speaker to be confirmed

Content analysis of electronic cigarette web sites in Turkey
Murat Güner, Elif Dagli, Pinar Ay, Fusun Yildiz, Osman Elbek, Speaker to be confirmed

Knowledge and use of e-cigarette among nursing students in North-Eastern Italy
Silvia Vincenzi, Federica Canzan, Oliva Marognolli, Eliana Finocchio, Anna Brugnolli, Alex Tchepnou Kouaya, Albino Poli, Giuseppe Verlato, Speaker to be confirmed

10:45 - 12:45

Poster Discussion: Active and latent tuberculosis: biomarkers
Chairs:

Impact of pulmonary tuberculosis sequelae on functional status
Laxman Kumar Soni, Hemant Borana, Gopal Purohit, C.R. Choudhary, Isha Garg, Srikanth Agarwal, Lalit Kumar Sharma, U. Narendra, Speaker to be confirmed

Tuberculosis in renal transplant recipients on isoniazid prophylaxis
Sohail Akhtar, Asma Naseem, Sunil Dodani, Rubina Naqvi, Ejaz Ahmad, Anwar Naqvi, Adib Rizvi, Speaker to be confirmed

The value of interferon-gamma releasing assays (IGRA) determining latent tuberculosis infection in renal transplant candidates
Balam Er Dedekarginoglu, Fusun Eyuboglu, Ozlem Salman Sever, Aydincan Akdur, Mehmet Haberal, Speaker to be confirmed

Estimated number of child household contacts eligible for latent tuberculosis treatment
Yohhei Hamada, Philippe Glaziou, Charalambos Sismanidis, Haileyesus Getahun, Speaker to be confirmed

Latent TB in healthcare workers from high prevalence countries at city hospital Sunderland foundation trust (CHSFT): epidemiology and management
Mohammed Hashim, Stephen Murphy, Sharon Stothard, Speaker to be confirmed

Cohort analysis of a large community-based latent tuberculosis screening and treatment programme in a high incidence setting in East London
Matthew Burman, Miranda Loutet, Duncan Thathan, Susan Dart, Nivenka Jayasekera, Simon Tiberi, Heinke Kunst, Dominick Zerner, Speaker to be confirmed

Russian-language e-learning and decision-support app for mobile devices on tuberculosis and lung health for primary care workers in Belarus
Valiantsin Rusovich, Henadz Hurevich, Liudmila Zhylevich, Dennis Falzon, Pierpaolo de Colombani, Andrei Dadu, Masoud Daru, Elena Davidovskaya, Pascal Kurosinski, Alena Skrahina, Speaker to be confirmed

Role of EBUS-guided TBNA in CT reported isolated tubercular mediastinal lymphadenopathy
Bharat Gopal, Speaker to be confirmed

Impact of ART on CD4<sup>+</sup> and CD8<sup>+</sup> T-cell-specific response to copathogens in HIV-TB patients
Teresa Chiachio, Elisa Petruccioli, Valentina Vanini, Gilda Cuzzi, Carmela Pinnetti, Alessandro Sampaolesi, Andrea Antinori, Fabrizio Palmieri, Enrico Girardi, Delia Goletti, Speaker to be confirmed
Comparison of the accuracy of QuantiFERON TB gold in tube vs QuantiFERON-TB plus
Valentina Vanini, Elisa Petruccioli, Fabrizio Palmieri, Daniela Cirillo, Gilda Cuzzi, Giovann Battista Migliori,
Delia Goletti, Enrico Girardi, Speaker to be confirmed

Utility of mycobacterium tuberculosis Rv0081-specific host gene expression to distinguish latent
infection from active tuberculosis disease
Ilana van Rensburg, Andre Loxton, Speaker to be confirmed

Flow cytometric immune profiling in infliximab-associated tuberculosis
Humberto Sasieta, Tobias Peikert, Virginia Van Keulen, Courtney Erskine, Mikayla Austin, Kelly Pennington,
Harika Dasari, Patricio Escalante, Speaker to be confirmed

A combinatorial dual-immunoassay predicts reactivation risk for patients with previously incomplete
treatment for latent tuberculosis infection
Patricio Escalante, Tobias Peikert, Humberto Sasieta, Virginia Van Keulen, Courtney Erskine, Mikayla
Austin, Harika Dasari, Adam Schrum, Andrew Limper, Speaker to be confirmed

Vitamin D supplementation in health and latent tuberculosis promotes regulatory T cell expression
Gemma Hawthorne, Zhang JinJin, David Thickett, Alice Turner, Speaker to be confirmed

Correlation between vitamin D receptor polymorphism with clinical and nutritional status in intensive
phase treatment of pulmonary tuberculosis
Irawaty Djaharuddin, Speaker to be confirmed

Evaluation of serum inflammatory biomarkers as predictors of treatment outcome in pulmonary
tuberculosis
Andrew Ritchie, Aran Singanayagam, Kavina Manadan, David Connell, James Chalmers, Saranya Sridhar, Ajit
Lalvani, Melissa Wickremasinghe, Onn Min Kon, Speaker to be confirmed

Identification of novel tuberculosis diagnostic biomarkers in plasma and saliva
Ruschca Jacobs, Gerhard Walzl, Novel Chegou, Speaker to be confirmed

Comparative analysis of the metabolic activity of vascular endothelium in patients with pulmonary
tuberculosis combined with diabetes mellitus and without it
Olga Koniaeva, Rizvan Abdullaev, Oksana Komissarova, Olga Berejnaya, Speaker to be confirmed

10:45 - 12:45
Oral Presentation: Management of asthma and COPD in primary care
Chairs:

COPD collaborative self-management in primary care: A randomized controlled trial
Christopher Licskai, Madonna Ferrone, Natalie Malus, Larry Stitt, Tim O’Callahan, Zofe Roberts, Laura
Johnson, Jim Samson, Lisa Durocher, Speaker to be confirmed

Stability of the frequent exacerbator - A Danish nationwide register-based study
Mette Reilev, Jesper Lykkegaard, Anders Halling, Jørgen Vestbo, Jens Søndergaard, Anton Pottegård, Speaker to be confirmed

Using the ADO score in primary care to target pulmonary rehabilitation to patients at high risk of
hospital admission
Rachel Jordan, Andy Dickens, Alexandra Enoeson, David Fitzmaurice, Ronan Ryan, Tom Marshall, Peymane
Adah, Speaker to be confirmed

The assessment of burden of COPD tool improves health related quality of life
Annerika Slok, Daniel Kotz, Gerard van Breukelen, Niels Chavannes, Maureen Rutten-van Middelaer, Hui
Kerstjens, Thys van der Molen, Guus Asijee, Richard Dekhuijzen, Sebastiaan Holverda, Philippe Salomé,
Lucas Goossens, Hans In’t Veen, Onno van Schayck, Speaker to be confirmed

Educational inhaler technique interventions in asthma & COPD patients: A systematic review
Sven L. Klijn, Mickael Hilgsmann, Silvia M.A.A. Evers, Miguel Román-n-Rodríguez, Thys van der Molen, Job van Boven, Speaker to be confirmed

Presentation to the emergency department by breathless patients: A qualitative study
Ann Hutchinson, Kathleen Galvin, Miriam Johnson, Speaker to be confirmed

Smart phone-based auscultation platform
Daniel Chamberlain, Rahul Kodgule, Yogesh Thorat, Vandana Das, Vivek Miglani, Daniela Ganelin, Alpa
Dalal, Tushar Sahasrabudhe, Ajay Lanjewar, Richard Fletcher, Speaker to be confirmed
10:45 - 12:45

Oral Presentation: Dyspnoea and respiratory muscle/mechanics anomalies in disease

Chairs:

10:45

Ventilatory muscle strength and ultrasound evaluation of diaphragm in healthy subjects

Letícia Cardenas, Pauliane Santana, Renata Pletsch, Mayra Pereira, Vinicius Iamonti, Marcelo Macchione, Jefferson Ferreira, Pedro Caruso, Carlos Carvalho, Andre Albuquerque, Speaker to be confirmed

11:00

Diaphragmatic dysfunction evaluated by ultrasound correlates with dyspnea, exercise and quality of life in interstitial lung disease

Pauliane Santana, Letícia Cardenas, Jefferson Ferreira, Vinicius Iamonti, Ozires Ramos, Thomas Jaeger, Andre Albuquerque, Carlos Carvalho, Pedro Caruso, Speaker to be confirmed

11:15

Improvement in respiratory muscle O$_2$ delivery by Heliox or pure O$_2$ breathing is associated with reduced dyspnea sensations during exercise in COPD

Zafeiris Louvaris, Helmut Habazettl, Harrieth Wagner, Peter Wagner, Spyros Zakynthinos, Ioannis Vogiatzis, Speaker to be confirmed

11:30

Influence of asthma and obesity on respiratory load perception in children

Victoria MacBean, Lorna Wheatley, Gerrard F. Rafferty, Speaker to be confirmed

11:45

Improvement in respiratory muscle O$_2$ delivery by Heliox or pure O$_2$ breathing is associated with reduced dyspnea sensations during exercise in COPD

Zafeiris Louvaris, Helmut Habazettl, Harrieth Wagner, Peter Wagner, Spyros Zakynthinos, Ioannis Vogiatzis, Speaker to be confirmed

12:00

Inhalation hyperinflation during maximal voluntary ventilation in healthy subjects

Anneleen Peeters, Audrey Herpeux, Inge Muylle, Maria Gabrovskva, Vincent Ninane, Speaker to be confirmed

12:15

Effect of a new conical-PEP device on cardiopulmonary function during exercise in elderly

Chatchai Phimphasak, Chulee Jones, David Jones, Speaker to be confirmed

12:30

The role of cardiopulmonary exercise testing in the diagnosis of psychogenic dyspnoea

Luiza Helena Degani Costa, Maira T. Rodrigues, Angelo X.C. Fonseca, Eloara V.M. Ferreira, Jaqueline Ota-Arañine, Roberta P. Ramos, J. Aberto Neder, Luiz Eduardo Nery, Speaker to be confirmed

10:45 - 12:45

Oral Presentation: Clinical and molecular studies in asthma

Chairs:

10:45

Prothrombotic alterations to blood coagulation and fibrinolysis in clinically stable asthma

Agnieszka Cybulska, Stanislawa Bazan-Socha, Lucyna Mastalerz, Lech Zareba, Romy Kremers, Michal Zabczyk, Grazyna Pulka, Teresa Iwaniec, Anetta Undas, Speaker to be confirmed

11:00

Interleukin-33 and Th2 cytokines correlate in acute asthma

Nadia Nicholine Poulsen, Asger Bjerregaard, Siew-Kim Khoo, Ingrid A. Laing, Peter N. Le Souef, Vibeke Backer, Lucy Barret, Philip J. Thompson, Svetlana Baltic, Celeste Porsbjerg, Speaker to be confirmed

11:15

A novel, automated periostin assay; correlation with a commercial ELISA method and usability as an asthma biomarker

Masayuki Takai, Junya Ono, Ayami Kamei, Hisako Matsumoto, Shoichiro Ohta, Kenji Izuhara, Speaker to be confirmed

11:30

Efficacy and safety of fevipiprant (QAW039) in patients with atopic asthma uncontrolled on low-dose ICS therapy

Eric D. Bateman, Alfredo Guerreros, Florian Brockhaus, Bjoern Holzhauer, Abhijit Pethe, Richard Kay, Robert G. Townley, Speaker to be confirmed

11:45

Crucial timing of a viral component exposure to exacerbate allergen-induced asthma

Shigeru Ashino, Keisuke Orimo, Kiyoshi Takeyama, Jun Tamaoki, Junji Yagi, Speaker to be confirmed

12:00

The CysLT$_1$ receptor antagonist montelukast inhibits mast cell activation induced by inhaled leukotriene E$_{4}$ in subjects with asthma

Nikolaos Lazarinis, Johan Bood, Cristina Gomez, Johan Kolmert, Jesper Säflom, Ann-Sofie Lantz, Elisabeth Henriksson, Craig Wheelock, Sven-Erik Dahlén, Barbro Dahlén, Speaker to be confirmed

12:15

Serum IL-5 and IL-13 consistently serve as the best predictors for the blood eosinophilia phenotype in adult asthmatics

Ioana Agache, Daniel S. Strassser, Axel Klenk, Costel Agache, Hervé Farine, Cristina Ciobanu, Peter M.A. Groenen, Cezni A. Akdis, Speaker to be confirmed
10:45 - 12:45

**Oral Presentation: COPD and asthma COPD overlap syndrome (ACOS): novelties of prevalence, risk factors and prognosis in COPD**

**Chairs:**
10:45

- **Ischemic ECG changes are related to mortality among subjects with COPD**
  - Ulf Nilsson, Berne Eriksson, Bengt Johansson, Anders Blomberg, Anne Lindberg, Speaker to be confirmed
11:00

- **Mortality associated with the type of heart failure in patients with chronic obstructive pulmonary disease**
  - Brenda Santellano-Juarez, Dulce Gonzalez, Arturo Orea-Tejeda, Rafael Hernández-Zenteno, Rocío Sanz-Martínez, Raúl Herrera-Saucedo, Elisa Pérez-Cabañas, Edna Contreras-Ramírez, Speaker to be confirmed
11:15

- **The characteristics of ACOS in a population based asthma cohort**
  - Helena Backman, Sven-Arne Jansson, Hana Muellerova, Keele Wurst, Anne Lindberg, Eva Rönmark, Speaker to be confirmed
11:30

- **Defining asthma COPD overlap syndrome (ACOS): A population based study**
  - Tobias Bonten, Marise Kasteleyn, Renee de Mutsert, Pieter Hiemstra, Frits Rosendaal, Niels Chavannes, Christian Taube, Speaker to be confirmed
11:45

- **Prediction models for exacerbations in different COPD patient populations: Results of five large databases**
  - Martine Hoogendoorn, Talitha Feenstra, Melinde Boland, Sixten Borg, Sven-Arne Jansson, Nancy Risemborg, Julia Slejko, Maureen Rutten-van Mölken, Speaker to be confirmed
12:00

- **The prevalence of moderate to severe COPD has decreased over 15 years in Northern Sweden**
  - Helena Backman, Berne Eriksson, Eva Rönmark, Linnea Hedman, Caroline Stridsman, Sven-Arne Jansson, Anne Lindberg, Bo Lundbäck, Speaker to be confirmed
12:15

- **Ninety seven independent genomic signals for lung function predict susceptibility to moderate to severe COPD**
  - Ian P. Hall, Louise V. Wain, Nick Shrine, Boris Noyvert, Maria Soler Artigas, David P. Strachan, Martin D. Tobin, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: Current challenges in thoracic surgery**

**Chairs:**

10:45

- **The visibility of virtual-assisted lung mapping (VAL-MAP) on computed tomography for thoracoscopic lung tumor resection**
  - Hiroshi Nakao, Atsushi Kitamura, Kohei Okafuji, Ryoosuke Tsugitomi, Tomoyuki Tanigawa, Yutaka Tomishima, Torahiko Jinta, Naoki Nishimura, Tomohide Tamura, Naohiko Chohnabayashi, Ryo Wakejima, Fumisugu Kojima, Toru Bando, Masaaki Sato, Speaker to be confirmed
11:00

- **The effect of iloprost on arterial oxygenation during one-lung ventilation**
  - Wonjung Hwang, Joonpyo Jeon, Speaker to be confirmed
11:15

- **Ribcage kinematics during exercise justifies thoracoscopic over thoracotomy lobectomy prompt recovery**
  - Antonella Lo Mauro, Alessandro Palleschi, Emilia Privitera, Melania Chiesa, Margherita Cattaneo, Martina Santambrogio, Mario Nosotti, Andrea Aliverti, Speaker to be confirmed
11:30

- **Radioguided VATS resections of subcentimetric solitary pulmonary nodule/ground glass opacity**
  - Luca Bertolaccini, Andrea Viti, Matteo Salgarello, Giancarlo Gorgoni, Alberto Terzi, Speaker to be confirmed
11:45

- **Use of decellularized tracheas for airways engineering**
  - Genaro Galan, Lara Milian, Carmen Carda, Ingrid Garzon, Giovanna Foschini, Manuel Mata, Speaker to be confirmed
12:00

  - Luca Bertolaccini, Andrea Viti, Carlo Pomari, Luca Rosario Assante, Simona Paiano, Alberto Terzi, Speaker to be confirmed
**12:15**

**BODE Index before and after LVRS is associated with long term survival in a post-NETT cohort**
William Bulman, Patricia Jellen, Beth Whippo, Cody Chiuzan, Yuan Zhang, Joshua Sonett, Mark Ginsburg, Byron Thomashow, William Bulman, Speaker to be confirmed

**12:50 - 14:40**

**Thematic Poster: Dealing with complexity of critical ill patients**
**Chairs:**

- **Validation of NUTRIC score in Asian intensive care unit population**
  Amartya Mukhopadhyay, Jeya Henry, Venetia Ong, Claudia Leong Shu-Fen, Ai Ling Teh, Rob E. van Dam, Yanika Kowitlawakul, Speaker to be confirmed

- **Exhaled air leakage during manual ventilation by healthcare workers with different levels of experience**
  David Shu Cheong Hui, Benny Chow, Matthew Chan, Speaker to be confirmed

- **Outcome and prevalence of sleep breathing disorders (SBD) after an acute exacerbation of obesity-hypoventilation syndrome AE/OHS**
  Jihénne Ayachi, Ahmed Khedher, Rahma Ben Jazia, Meddeb Khaoula, Aissa Sana, Ben Salem Halima, Gargouri Inen, Benzarti Mohamed, Boussarsar Mohamed, Ahmed Abdelghani, Speaker to be confirmed

- **Level of adrenomedullin in cases with adrenal efficiency and its relation to mortality in patients with sepsis**
  Baran Balcan, Sehnaz Olgun, Turkay Akbas, Emel Eryuksel, Sait Karakurt, Speaker to be confirmed

- **Risk factors for disseminated coagulation (DIC) in patients with lung cancer**
  Kentaro Nakano, Kumiyi Suguymya, Takayosi Fujimatsu, Nauru Yoshida, Ryosuke Souma, Masamitsu Tatewaki, Kenya Kohyama, Hirokuni Hirata, Yasutsugu Fukushima, Speaker to be confirmed

- **Specific components of the inflammatory reflex: Heart rate variability and levels of interleukine 6 predict shock in critical ill patients**
  Maria Jose Fernandez Sanchez, Alain Riveros Rivera, Oscar Sanabria, Speaker to be confirmed

- **Impact of bloodstream infections on catheter colonization during extracorporeal membrane oxygenation**
  Hyeju Yeo, Byun Ki Sup, Hyeon Seok Kim, Seong Hoon Yoon, Seung Eun Lee, Woo Hyun Cho, Doosoo Jeon, Yun Seong Kim, Speaker to be confirmed

- **Dermato-pulmonary syndrome associated with MDA-5 antibodies**
  Yurdagü 1 Uzunhan, Hilarion Nunes, Gaele Leroux, Makoto Miyara, Olivier Benveniste, Yves Allenbach, Speaker to be confirmed

- **COPD patients admitted in ICU for acute exacerbation: Impact of exacerbation factors on prognosis**
  Amani Ben Mansour, Takoua Merhabene, Amira Jamoussi, Jalila Ben Khilil, Mohamed Besbes, Speaker to be confirmed

- **A cute respiratory failure following neurotoxic snake bite - A study of 101 cases of neurotoxic snake bite from eastern India**
  Pravat Thatoi, Ritesh Acharya, Ashish Malla, Speaker to be confirmed

- **Low serum selenium levels in critically ill patients with respiratory diseases are associated with poor prognostic and nutritional factors: A prospective observational study**
  Sang-Ha Kim, Myoung Kyu Lee, Won-Youn Lee, Suk Joong Yong, Seok Jeong Lee, Speaker to be confirmed

- **Clinical and microbiological characteristics and outcome of ARDS in India**
  Jaimin Mansuriya, Rajesh Chawla, Ravi Shekhar Jha, Uday Aditya Gupta, Tarun Rao, Speaker to be confirmed

- **Daytime activation of rapid response team might improve patient safety**
  Jae Hwa Cho, Jeongsoo Kim, Jaeyeon Park, Speaker to be confirmed

- **Management of acute exacerbations of obesity-hypoventilation syndrome (AE/OHS) : Toward an early goal-directed therapy algorithm**
  Jihen Ayachi, Khedher Ahmed, Ben Jazia Rahma, Meddeb Khaoula, Bounab Rania, Aissa Sana, Ben Salem Halima, Gargouri Inen, Benzarti Mohamed, Ahmed Abdelghani, Boussarsar Mohamed, Speaker to be confirmed

- **Current practice in reducing perioperative and critical care pulmonary complications in obese patients: A review of London bariatric services**
  Thomas Carter, Tim Knowles, Speaker to be confirmed
Triage of national early warning score (NEWS) in Pulmonary Medicine Ward at Central Chest Institute of Thailand
Kanlaya Panjapornpon, Chomnapa Kittisup, Rungsiya Paicharoen, Nutachavee Oksue, Chanakarn Taeviriyakul, Somkuan Thammanech, Speaker to be confirmed

The impact of routine intensive care procedures on the endotracheal tube cuff pressure
Gordana Pavlisa, Hrvoje Puretic, Ervin Zuljevic, Andrea Vukic Dugac, Ana Hecimovic, Marko Jakopovic, Miroslav Samarzija, Speaker to be confirmed

Body mass index and pulmonary complications in critically ill black patients
O' Dene Lewis, Yewande Odeyemi, Julius Ngwa, Alicia Thomas, Alem Mehari, Speaker to be confirmed

Systemic, respiratory, and cardiovascular effects of occupational carbon monoxide poisoning (due to Soma mine disaster)
Yavuz Havlucu, Fatma Evyapan, Peri Arbak, Ece Kaya, Taci Erdem, Ahmet Atalan, Mehmet Unal Demiray, Aysin Sakar Coskun, Arzu Yorgancioglu, Speaker to be confirmed

Difficult to wean COPD patients may benefit from higher inspiratory pressure non invasive ventilation
Yasser Noeman Ahmed, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: New horizons for noninvasive ventilation in acute and chronic setting

Chair:

Evaluating the impact of patient-selected CPAP interface on the treatment of OSA
Junyang Ken Goh, Rui Ya Soh, Leong Chai Leow, Cheah Hooi Ken Lee, Thun How Ong, Gan Liang Tan, Hong Juan Han, Song Tar Toh, Pei Rong Song, Speaker to be confirmed

Is home mechanical ventilation really effective in patients with amyotrophic lateral sclerosis?
Anda Hazenberg, Huib Kerstjens, Peter Wijkstra, Speaker to be confirmed

The role of sedation in NIV
Rachel Jones, Ari Manuel, Steve Twigg, Speaker to be confirmed

Predictors of survival in severe COPD patients initiated on chronic NIV
Tim Raveling, Peter Wijkstra, Gerrie Bladder, Jellie Nieuwenhuis, Marieneke Duiverman, Speaker to be confirmed

Noninvasive ventilation during percutaneous endoscopic gastrostomy in neuromuscular patients with severe ventilatory impairment
Eva Padrão, Mafalda Van Zeller, Tiago Pinto, Rosa Ramalho, Anabela Marinho, Filipa Pires, Guilherme Macedo, Miguel Gonçalves, Speaker to be confirmed

Outcome of non-invasive ventilation for acute respiratory failure in very old vs. younger patients
Adamantios Chloros, Varvara Ampelidou, Eva Serasli, Katerina Markopoulou, Michalis Agrafiotis, Dimitra Siopi, Evi Moullara, Venetia Tsara, Speaker to be confirmed

Comparison of Wye Valley Trust motor neurone disease (MND) integrated care pathway with current NICE guidelines and monitoring of domiciliary non-invasive ventilation (NIV) via wireless modem
Beenish Inayat, Anna Werpachowska, Michael Howard, Ingrid Du Rand, Speaker to be confirmed

Characteristics of patients with hypoxemic respiratory failure due to pneumonia that respond to the application of a positive end expiratory pressure
Valentina Paolini, Stefano Aiberti, Paola Faverio, Grazia Messinesi, Giuseppe Foti, Anna Stainer, Federica De Giaconia, Alberto Pesci, Speaker to be confirmed

Comparison of ventilator-integrated end-tidal CO₂<sub>2</sub> and transcutaneous CO₂<sub>2</sub> monitoring in home-ventilated neuromuscular patients
David Orlikowski, Helene Prigent, Xavier Ambroset, Isabelle Vaugier, Sandra Pottier, Djillali Amnane, Frederic Lofaso, Adam Ogna, Speaker to be confirmed

Outpatient continuous positive airway pressure (CPAP) initiation in children: Feasibility and adherence to treatment
Alessandro Amaddeo, Annick Frapin, Sonia Khirani, Brigitte Fauroux, Speaker to be confirmed

Pilot study reviewing patients on domiciliary non-invasive ventilation (NIV) in Tower Hamlets
Zulaiga Abrahams, Jane Simpson, Speaker to be confirmed

Home non-invasive ventilation (NIV) : Patients cognitive performance and skills at setup
Maxime Patout, Gill Arbane, Jennifer Owusu-Afriyie, Laura Castaldi, Joerg Steier, Philip Marino, Nicholas Hart, Patrick Murphy, Speaker to be confirmed
One-year experience of domiciliary non-invasive ventilation (NIV) monitoring via wireless modem in a district general hospital (DGH)
Anna Werpachowska, Beenish Inayat, Michael Howard, Ingrid Du Rand, Speaker to be confirmed

Non-invasive ventilation (NIV) in acute and emergency care - Are we making the right decisions?
Jennifer Hunter, Alexander Mackay, Speaker to be confirmed

Sniff nasal inspiratory pressure test is an early marker of diurnal hypercapnia in amyotrophic lateral sclerosis patients. Preliminary results
Pierluigi Carratù, Giuseppina D’Alba, Lorenzo Marra, Silvano Dragonieri, Giuseppe Cassano, Alberto Capozzolo, Giorgio Castellana, Onofrio Resta, Speaker to be confirmed

Mouthpiece ventilation in Duchenne muscular dystrophy
Giuseppe Fiorentino, Anna Annunziata, Maria Antonietta Mazza, Rosa Cauteruccio, Gianfranco Scotto di Frega, Anna Michela Gaeta, Speaker to be confirmed

Is sniff inspiratory nasal pressure a useful test in the evaluation of patients with neuromuscular diseases?
Maria Joã o Oliveira, Joana Gomes, Miguel Guimarã es, Sara Conde, Speaker to be confirmed

Discontinuing non-invasive ventilation in severe chronic obstructive pulmonary disease exacerbations: A randomised controlled trial
Miquel Ferrer Monreal, Jacobo Sellares, Pedro Antonio Anton, Carolina Bencosme, Rodrigo Alonso, Pilar Martinez-Olondris, Hugo Loureiro, Javier Sayas, Virginia Pajares, Francisca Prieto, Esther Querol, Antoni Torres, Speaker to be confirmed

The effect of daytime PaCO$_2$ on subjective sleep quality and HRQOLs in patients receiving long-term NIV
Tomomasa Tsuboi, Toru Oga, Takefumi Saito, Shohei Takata, Shuichi Yano, Tetsuro Ohdaira, Yoshiro Mochizuki, Toru Yamanaka, Masahiro Abe, Kensuke Sumi, Tachibana Hiromasa, Kazuo Chin, Speaker to be confirmed

Prognostic value of nocturnal hypoventilation in unventilated neuromuscular disease patients
Adam Ogna, Helene Prigent, Maria-Antonia Quera Salva, Sylvie Chevret, Nicholas Heming, Djillali Annane, Frederic Lofaso, David Ørlikowski, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Noninvasive ventilation and beyond: novelties and real life applications

Frequency and predictors of NIM V (non-invasive ventilation) failure in patients with haematological malignancies presenting with acute respiratory failure (ARF) at a tertiary care hospital in Karachi, Pakistan
Farah Idrees, Muhammad Irfan, Speaker to be confirmed

Pulmonary severity score at admittance: Selection of site of care
Attila Nagy, Jozsef Luká csovits, Gyorgy Losonczy, Veronika Mü ller, Speaker to be confirmed

Evaluation of patient outcomes and adherence to NIV guidelines in a London hospital
Vassilis Aggelis, Dionisio Izquierdo, Terry O’Shaughnessy, Vladimir Macavei, Speaker to be confirmed

Extracorporeal CO$_2$ removal for refractory hypercapnia in acute respiratory failure: A case series
Andrea Vianello, Giovanna Arcaro, Silvia Iovino, Claudia Rinaldo, Laura Battistella, Alberto Pavan, Beatrice Molena, Luciana Paladini, Maria Rita Marchi, Federico Gallan, Speaker to be confirmed

Cardiovascular comorbidity predictors of survival in patients with COPD hypercapnic acute respiratory failure
Jesus Manuel Perez Laya, Ignacio Peñ a, Diego German Rojas Tula, America Gil Fuentes, America Gil Fuentes, Diego German Rojas Tula, Speaker to be confirmed

Early predictors of NIV failure in exacerbation of COPD
Biljana Joves Sevic, Dusanka Obradovic, Rada Tesic, Srdjan Stefanovic, Uros Batranovic, Speaker to be confirmed

Does obstructive lung disease impact the survival of patients with obesity-related respiratory failure treated with nocturnal NIV?
Chathika Weerasuriya, Dariusz Wozniak, Syed Huq, Michael Davies, Speaker to be confirmed
<table>
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<tr>
<th>Time</th>
<th>Topic</th>
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<tr>
<td>12:50 - 14:40</td>
<td>Thematic Poster: Multidimensional and multidisciplinary approach to respiratory problems Chairs:</td>
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|              | Effect of age on arterial oxygen content in patients with pulmonary arteriovenous malformations  
Abeer Rizvi, Lydia Babawale, J.M.B. Hughes, James E. Jackson, Claire L. Shovlin, Speaker to be confirmed |
|              | Time course of acid-base status in patients hospitalized in a pulmonary department  
Maria Bolaki, Michail Fanaridis, Gerasimos Lekatsas, Georgios Pistidianakis, Ioanna Mitrouskas, Nikolaos Tzanakis, Dimitris Georgopoulos, Speaker to be confirmed |
|              | Pulmonary consequences of hypothyroidism  
Samiia Hamdy, Ahmad Azoz, Walaa Khalifa, Speaker to be confirmed |
|              | Respiratory acclimatization and psychomotor performance during 3 weeks at 3200m  
Lara Muralt, Michael Furian, Mona Lichtblau, Sayaka S. Aeschbacher, Maya Bisang, Alexey Nikiforov, Ross A. Clark, Almaz Aldashev, Talant Sooronbaev, Silvia Ulrich, Konrad E. Bloch, Speaker to be confirmed |
|              | Postural control in COPD patients travelling from 760 m to 3200 m; randomized trial evaluating effects of dexamethasone  
Lara Muralt, Michael Furian, Mona Lichtblau, Sayaka S. Aeschbacher, Maya Bisang, Ross A. Clark, Almaz Aldashev, Talant Sooronbaev, Tsogyal Latshang, Sylvia Ulrich, Konrad E. Bloch, Speaker to be confirmed |
**Heart rate variability in lung transplant recipients**
Timothé Fontolliet, Pietro Gianella, Vincent Pichot, Paola M. Soccal, Guido Ferretti, Frédéric Lador, Speaker to be confirmed

**Quality of life of chronic obstructive pulmonary disease and bronchiectasis: A comparative study**
Samiaa Hamdy, Ali Hasan, Noha Attia, Speaker to be confirmed

**Endothelial function in COPD vs coronary artery disease and healthy controls: An exploratory study**
Eva Bernardi, Veronique Cornelissen, Giovanni Grazzi, Carlotta Merlo, Luc Vanhees, Annalisa Cogo, Speaker to be confirmed

**Validity of chronic obstructive pulmonary disease simulation using straws**
Kazuyuki Tabira, Hirofumi Mase, Kazuma Kawahara, Naomi Miyamoto, Speaker to be confirmed

**Structural validity of the Nijmegen questionnaire in physically active young adults**
Irisz Karolina Levai, James H. Hull, Greg Whyte, John W. Dickinson, Speaker to be confirmed

**The strength of association of nocturnal hypoventilation with severity of sleep apnoea**
Nuno Cachada, Mindi Daniels, Biman Chakraborty, Rahul Mukherjee, Speaker to be confirmed

**Is airflow obstruction associated with nontuberculous lesions on chest X-ray?**
Yu-Il Kim, Jinsun Jang, HongJun Shin, Hyunju Seon, Taeok Kim, Chanwoo Park, Speaker to be confirmed

**Blood neutrophil responses to acute interval exercise in COPD**
Alex Jenkins, Arwel Jones, Rhys Thatcher, Keir Lewis, Speaker to be confirmed

**Blunted parasympathetic reactivation in smokers after exogenous hypoxic provocation**
Zdravko Taralov, Kiril Terziyski, Peter Dimov, Blagoi Marinov, Stefan Kostianev, Speaker to be confirmed

**Altitude related adverse health effects in lowlanders with COPD travelling to 3200m**
Michael Furian, Mona Lichtblau, Sayaka S. Aeschbacher, Maya Bisang, Sara E. Hartmann, Marc Poulin, Tsgoyal D. Latshang, Silvia Ulrich, Almaz Aldashev, Talant Sooronbaev, Konrad E. Bloch, Speaker to be confirmed

**Peak nasal inspiratory flow percent mean variation; an index of nasal lability**
Nishtha Singh, Sheetu Singh, Rakesh Kumar, Virendra Singh, Speaker to be confirmed

**A successful pregnancy in a woman with severe idiopathic kyphoscoliosis: A case report**
Ilona Rousalova, Alena Vlachova, Petr Korbelar, Lenka Patlejchova, Michal Andel, Speaker to be confirmed

**The prevalence of disorders of lung function and pulmonary hypertension in systemic sclerosis patients**
Galina Nekludova, Alexander Cherniak, Olga Koneva, Oksana Desinova, Speaker to be confirmed

**Respiratory muscles power and pulmonary function in pregnancy**
Omer Musa, Salma Elhadi, Speaker to be confirmed

**LSC Abstract - Vascular and breath volatolomics in pulmonary arterial hypertension**
Morad Nakhleh, Marc Humbert, Hossam Haick, Sylvia Cohen-Kaminsky, Speaker to be confirmed

**Thematic Poster: Pathophysiological mechanisms at different scales: lung, airways, muscles and symptom perception**

- **Physical activity is associated with allergic disease, but not allergic symptoms or sensitization, in adolescents**
  Maia Smith, Dietrich Berdel, Carl-Peter Bauer, Sibylle Koletzko, Dennis Nowak, Joachim Heinrich, Holger Schulz, Speaker to be confirmed

- **Diaphragm motion of healthy adults studied by ultrasonography M-mode**
  Yeonhee Park, Jung-eun Lee, Jae-hee Seo, Sungju Jee, Kwang Sun Suh, Chang-gyu Lim, Cuk-seong Kim, Dong-II Park, Chae-Uk Chung, Jeong-Eun Lee, Hee-sun Park, Sung-su Jung, Ju-Ock Kim, Sun-young Kim, Jae Young Moon, Speaker to be confirmed

- **Improvement of symptoms, FEV1 and FVC in adolescent elite swimmers during the summer break**
  Rosa Maria Ortiz Comino, Pedro J Romero Palacios, Juan de Dios Luna Del Castillo, Omar S. Usmani, Speaker to be confirmed

- **Changes in physiological dead space/tidal volume ratio after pleural fluid drainage**
  Stylianos Michaelides, George Bablekos, George Ionas, Dimitrios Papadopoulos, Petros Bakakos, Konstantinos Charalambopoulos, Speaker to be confirmed
Dynamics of lipid peroxidation products in exhaled breath condensate in asthmatics in response to
dosed physical exercise
Juliy Perelman, Anna Prikhodko, Leonid Nakhamchen, Eugene Borodin, Victor Kolosov, Mikhail Shtarberg,
Speaker to be confirmed

Are schoolchildren respiratory symptoms related to ambient temperature?
Hamida Kwas, Yosra Houaneb Marghli, Ines Zendah, Hedia Bellili, Amel Khattab, Nizar Souissi, Habib
Ghedira, Speaker to be confirmed

Asthma, asthma medication and training intensity in Swedish competitive athletes: An internet-based
survey
Amanda Nässman, Tommie Hjerén, Ulf Hållmarker, Anne Lindberg, Nikolai Stenfors,
Speaker to be confirmed

Effects of a 6 week whole-body vibration training (WBVT) in stable COPD patients: A randomized
clinical trial
Maite Jiménez Siebert, Tobias Boeselt, Timm Greulich, Peter Alter, Felix Herth, Nicolas Kahn, Florian
Bornitz, Claus Vogelmeier, Christoph Nell, Simone Hummler, Andreas Rembert Koczulla, Speaker to be
confirmed

Assessing response to methacholine challenges using a new forced oscillation device
Peta Hathway, Joanna Watts, Leigh Seccombe, Lachlan Buddle, Gregory King, Cindy Thamrin, Claude Farah,
Speaker to be confirmed

Dyspnea, inspiratory and expiratory muscles in mild and severe COPD compared to healthy individuals
Marcelo Macchione, Leticia Cardenas, Jefferson Ferreira, Renata Pestech, Mayra Pereira, Vinicius Iamonti,
Pauliane Santana, Pedro Caruso, Carlos Roberto Carvalho, André Luis Albuquerque, Speaker to be
confirmed

Do athletes have an increased capacity to condition inspired air?
Julie Turmel, Simon-Pierre Moreau, Hélène Villeneuve, Louis-Philippe Boulet, Speaker to be confirmed

Effects of physical conditioning in untrained individuals with exercise-induced laryngeal obstruction - A
randomised controlled trial
Emil Schwarz Walsted, Kiran Mirza, Vibeke Backer, Speaker to be confirmed

The incidence of asthma among Swedish elite endurance athletes
Tommie Hjerén, Lars Söderström, Anne Lindberg, Nikolai Stenfors, Speaker to be confirmed

In-vivo and in-vitro functional residual capacity comparisons between multiple breath nitrogen washout
devices
Katrina Tonga, Cindy Thamrin, Claude Farah, Paul Robinson, Gregory King, Speaker to be confirmed

Evaluation of exercise-induced respiratory symptoms in adolescents
Susana Maria Gonçalves Clemente, Maria Alvarenga, Filipa Todo Bom, Silvia Rodrigues, Liliana
Gomes, Ana Campos, Inês Alves, Jorge Rosa, Sofia Furtado, Speaker to be confirmed

Measurement of lung function deterioration in COPD by V/P SPECT
Marika Bajc, J. Wang, C.Z. Wang, Ari E. Lindqvist, X.Y. He, Speaker to be confirmed

Positive expiratory pressure breathing accelerates recovery of exertional dyspnea in participants with
COPD: A randomised cross over trial
Chulee Jones, Khajonsak Pongpanit, Watchara Boonsawat, David Jones, Speaker to be confirmed

Lung diffusion capacity in elite athletes
Biljana Lazovic, Vladimir Zugic, Speaker to be confirmed

Isolated reduction in residual volume on body plethysmography is an early indicator of parenchymal
lung disease
M. Sajjad Sarwar, Muhammad Irfan, Ali B.S. Zubairi, Speaker to be confirmed

Spirometry in normal Indians: Towards establishing a new prediction equation
Sujeet Rajan, Swapnil Kulkarni, Namrata Kewalramani, Sapna Madas, Niranjan Kulkarni, Speaker to be
confirmed

12:50 - 14:40
Thematic Poster: Lung function and imaging: new findings and new approaches
Chairs:
Usefulness of FEV_{1}/SVC to uncover airflow obstruction in subjects with preserved FEV_{1}/FVC
Mathieu Saint-Pierre, Jamil Ladha, Danilo Berton, Angie Zapotichny, Denis Faubert, Lori Crozier-Wells, Julianna Tang, Cathy Muir, Lutz Forkert, Denis O'Donnell, Jose Alberto Neder Serafini, Speaker to be confirmed

Lung function parameters improve prediction of VO_{2peak}: The Generation 100 study
Erlend Hassel, Dorte Hestad, Thomas Halvorsen, Ulrik Wisløff, Arnulf Langhammer, Sigurd Steinshamn, Speaker to be confirmed

Effects of forced exhalations and cough on surfactant content and size distribution of exhaled particles
Per Larsson, Björn Bake, Anita Wallin, Oscar Hammar, Ann-Charlotte Almstrand, Mona Lägerstedt, Anna-Carin Olin, Speaker to be confirmed

Regional specific gas volume as an early marker of chronic lung allograft dysfunction (CLAD)
Caterina Salito, Andrea Allvertti, Alessandro Falleschi, Rosaria Carrinola, Letizia Morlacchi, Valeria Rossetti, Paolo Tarsia, Mario Nosotti, Speaker to be confirmed

Revisiting lung function measurements before lung cancer surgery
Alex Parker, Paul Walker, Angela Key, Speaker to be confirmed

Cluster analysis and lung function in sickle cell disease
Alan Lunt, Emily McGhee, David Rees, Sue Height, Gerrard Rafferty, Swee-Lay Thein, Anne Greenough, Speaker to be confirmed

Levosimendan reduces cholinergic bronchoconstriction: The role of K_{ATP} channels
Roberta Sudy, Adam L. Balogh, Gergely H. Fodor, Barna Babik, Ferenc Petak, Orsolya Ivankovitsne Kiss, Speaker to be confirmed

Volumetric capnography in distinct phenotypes of COPD patients
Monica Corso Pereira, Silvia Maria Silva Doria, Marcos Melo Moreira, Eduardo Melo De Capitani, Ilma Aparecida Paschoal, Speaker to be confirmed

Peripheral airway function at 12 months post allogeneic hematopoietic stem cell transplantation (allo-HSCT)
Christopher Htun, Robin Schoeffel, Samir Lahzami, Craig Phillips, Alun Pope, Paul Robinson, Gregory King, Speaker to be confirmed

Evaluation of bronchodilator response in healthy subjects using pulmonary function test and impulse oscillometry system
Yukiko Matsuura, Naoko Kawata, Yoriko Iesato, Ken Iesato, Kazutoshi Sugiuara, Jun Ikari, Yuji Tada, Koichiro Tatsumi, Speaker to be confirmed

Strategies to reverse lung function deterioration to cardiopulmonary bypass: Comparison of ventilation management and/or bronchodilator therapies
Ferenc Peták, Adam L. Balogh, Gergely H. Fodor, Edit Vigh, Roberta Sudy, Barna Babik, Speaker to be confirmed

Effects of posture and sleep in respiratory mechanics detected by forced oscillation technique (FOT)
Emiliano Gatti, Laura Maugeri, Enrico Mellano, Raffaele Dellacà, Carlo Galotta, Speaker to be confirmed

Can human breathing be measured under true ecological conditions?
Pierantonio Laveneziana, Marie-Cé cile Nié, Bruno-Pierre Dubé, Ros-Kiri Ing, Thomas Similowski, Speaker to be confirmed

Reference lung values for ethnically diverse Nepalese population residing at wide range of altitudes
Maniraj Neupane, Annalisa Cogo, Delan Devakumar, Om Kurmi, Eva Rehfuees, Buddha Basnyat, Rainald Fischer, Jon Ayres, Philip Quanjer, Speaker to be confirmed

Regional dynamic lung strain and specific elastance imaged by synchrotron computed tomography
Lisa Porra, Gergely Albu, Loïc Dégrugyillers, Ludovic Broche, Matts Wallin, Magnus Halbäck, Walid Habre, Sam Bayat, Speaker to be confirmed

Quantitative chest CT (QCT) measurements in World Trade Center (WTC) workers and volunteers with accelerated air flow decline
Rafael E. de la Hoz, Rafael A. Lynch, Speaker to be confirmed
Structure-function relationships in the lungs of cystic fibrosis (CF) patients using multi-volume high-resolution CT (HRCT) and proton MRI ($^1$H-MRI)
Francesca Pennati, Caterina Salito, David Roach, John Clancy, Alan Brody, Robert Fleck, Andrea Aliverti, Jason Woods, Speaker to be confirmed

Bronchodilation assessment by oscillimetry in adult asthmatic patients
Carla Martins, Leonor Carneiro-Leão, Artur Villela, Mário Miranda, José Luís Plácido, Speaker to be confirmed

Spirometry in the 5000 subjects of the LifeGene pilot study in Sweden: Evaluating different reference equations, BMI and thorax measurements
Martin Anderson, Mikaela Qvarfordt, Magnus Svarrangen, Speaker to be confirmed

Optoelectronic plethysmography (OEP) in the assessment of dysfunctional breathing (DB) in athletes
Irisz Karolina Levai, Carlo Massaroni, James H. Hull, Greg Whyte, Sergio Silvestri, Samantha Winters, John W. Dickinson, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Respiratory muscles and airways function: from physiology to clinical implications

Inspiration capacity generated by neural respiratory drive could be further increased by CO2
Yingmei Luo, Hua Qin, Baiting He, Lian Zhou, Zhihui Qiu, John Moxham, Michael Iain Polkey, Yuanming Luo, Speaker to be confirmed

Inspiratory capacity generated by neural respiratory drive could be further increased by inhalation of CO2
Yingmei Luo, Hua Qin, Baiting He, Lian Zhou, Zhihui Qiu, John Moxham, Michael Iain Polkey, Yuanming Luo, Speaker to be confirmed

Maximal inspiratory pressure: does the choice of reference values matter?
Antenor Rodrigues, Marianne Silva, Danilo Berton, Denis Faubert, Julianna Tang, Angie Zapotichny, Lori Crozier-Wells, Cathy Muir, Lutz Forkert, Denis O’Donnell, J. Alberto Neder, Speaker to be confirmed

The value of capnogram parameters to detect adverse lung mechanical changes following cardiopulmonary bypass
József Tolnai, Ferenc Peták, Gergely Fodor, Ádám L. Balogh, Zsófia Csorba, Barna Babik, Speaker to be confirmed

Supine abdominal contribution: Index of diaphragmatic weakness (DW) in amyotrophic lateral sclerosis (ALS)
Antonella Lo Mauro, Paola Banfi, Andrea Aliverti, Speaker to be confirmed

Influence of heart failure on resting inspiratory volumes in patients with COPD
J. Alberto Neder, Aline Souza, Priscila Sperandio, Adriana Mazzuco, Maria Clara Alencar, Flavio Arbex, Denis O’Donnell, Speaker to be confirmed

Comparison of thoracoabdominal synchrony using two methods in healthy subjects, chronic obstructive and interstitial lung disease
Mayra Caleffi Pereira, Jeferson Ferreira, Vinicius Iamonti, Patricia Trevisan, Andre Apanavicius, Pauliane Santana, Letícia Cardenas, Carlos Roberto Ribeiro de Carvalho, Pedro Caruso, Andre Luis Pereira de Albuquerque, Speaker to be confirmed

Over-reading of FRC using N<sub>2</sub> MBW compared to plethysmography and SF<sub>6</sub> MBW in COPD
Alan Bell, Dave Singh, Alex Horsley, Speaker to be confirmed

Specific cystic fibrosis (CF) abnormalities studied by multi-volume CT and proton MRI ($^1$H-MRI)
Francesca Pennati, Andrea Aliverti, David Roach, John Clancy, Jason Woods, Speaker to be confirmed

Relationship between clinical and functional outcomes with resting inspiratory muscle strength in chronic respiratory diseases
Pietro Merola, Franciele Plachi, Ricardo Gass, Rui Gustavo Domeles, Luiz Felipe Frolich, Marcelo Gazzana, Marli Knorst, José Alberto Neder, Danilo Berton, Speaker to be confirmed
Influence of inspiratory muscle weakness in exercise capacity of patients with chronic thromboembolic pulmonary hypertension (CTEPH)
João Victor Rolim, Roberta Pulcheri Ramos, Eloara V.M. Ferreira, Gabriela A.M. Figliolino, Ivan Ivanaga, Angelo Cepeda, Carolina Messina, Camila Costa, Luiz Eduardo Nery, Jaqueline Sonoe Ota-Arakaki, Speaker to be confirmed

Comparative analysis of estimated and measured maximal voluntary ventilation in patients with pulmonary hypertension
Sheila do Rosário Da Cruz Nunes Gonçalves, Gabriela A.M. Figliolino, Roberta Pulcheri Ramos, Eloara V.M. Ferreira, Angelo Cepeda, Ivan Ivanaga, João Victor Rolim, Meyer Izbicki, Jaqueline Sonoe Ota-Arakaki, Luiz Eduardo Nery, Speaker to be confirmed

Evaluation of maximal inspiratory and expiratory pressures in neuromuscular patients: Comparison between two different equipments
Maria João Oliveira, Sara Conde, Inês Ladeira, Ricardo Lima, Miguel Guimarães, Speaker to be confirmed

Respiratory system impedance with impulse oscillometry in Parkinson’s disease: Relation with disease severity
Meghashree Sampath, Anjana Talwar, Ashok Jaryal, Vinay Goyal, Achal Srivastava, Kishore Kumar Deepak, Speaker to be confirmed

Total respiratory impedance by impulse oscillometry (IO) in patients with pulmonary tuberculosis (PT)
Larisa Kiryukhina, Olga Volodich, Pavel Gavrilov, Leonid Mikhailov, Liudmila Archakova, Elmira Zilber, Piotr Yablonskii, Speaker to be confirmed

Quality of spirometry in primary care in Navarra (Spain)
Pilar Carmen Cebollero Rivas, M. Carmen Bermejo Navas, Francisco Campano Lancharo, Jorge Zagaceta, Sonia Herrero Martín, María Jesús Martinez, Amparo Urrizburu, Javier Hueto Pérez de Heredia, Speaker to be confirmed

Measuring lung inhomogeneity in early chronic lung disease
Peter A. Robbins, James Mountain, David Neill, Luca Ciuffoni, John Couper, Jon Whiteley, Gus Hancock, Grant Ritchie, Speaker to be confirmed

Increase in maximal expiratory mouth pressures (MEPs) following climbing at altitude on Everest
Anne Mier, Ghashan Alusi, John Monson, Speaker to be confirmed

Correlation between exercise capacity with FVC%, FEV<sub>1</sub>% and RV% in patients with airways diseases and severe and very severe lung function obstruction
Vanessa Maria Ferreira dos Santos, Rita Boaventura, Leonor Meira, Paula Martins, Luís Gaspar, Emilia Araújo, João Paulo Viana, Isabel Gomes, Speaker to be confirmed

Dobutamine decreases an elevated airway tone similar to dopamine in rats
Gergely H. Fodor, Adam L. Balogh, Roberta Sudy, Orsolya Ivanovitsne Kiss, Barna Babik, Ferenc Petak, Speaker to be confirmed

Thematic Poster: Clinical exercise physiology in health and disease

Arterial oxygen content primarily reflects haemoglobin concentration in a cohort of hypoxaemic patients
Claire Shovlin, Basel Chamali, Vatshalan Santhirapala, Hannah Tighe, James Jackson, Speaker to be confirmed

Study of efficacy of combination of pentoxifylline (PTX) and rifaximin (RIF) and exercise capacity in PTX refractory hepatopulmonary syndrome (HPS)
Sachin Kumar, Navneet Sarin, Shiv Sarin, Speaker to be confirmed

Circulatory and ventilatory power: New indices to assess cardiorespiratory responses in diabetics
Daniela Dutra, Vivian Arakelian, Renata Mendes, Flávia via Caruso, Jose Bonjorno Junior, Ross Arena, Audrey Borghi-Silva, Speaker to be confirmed

Is exercise tolerance different in COPD and bronchiectasis patients who are severely obstructed?
Leonor Meira, Rita Boaventura, Vanessa Santos, Ermelinda Eusébio, Paula Martins, Emilia Araújo, Luís Gaspar, Isabel Gomes, Speaker to be confirmed

Repetitive, intense hyperpnea to reduce bronchial reactivity in asthmatics - A pilot study
Philipp A. Eichenberger, Andrea Kurzen, Stephanie N. Diener, Thomas A. Scherer, Christina M. Spengler, Speaker to be confirmed
A comparison of near-infrared spectroscopy and indirect calorimetry variables in the 6-minute walking test between healthy elderly and COPD patients
Laíss Vidotto, Claudia Roberta Dos Santos, Mayara Manzoni, Josiane Felcar, Cosme Buzzachera, Vanessa Probst, Speaker to be confirmed

Aerobic capacity and ventilatory efficiency during exercise in patients with heart failure with and without oscillatory ventilation at an altitude of 2600 meters
Carlos André s Celis Preciado, Javer Lasso, Speaker to be confirmed

Correlation of composite physiologic index with 6-minute walk test variables in patients with idiopathic interstitial pneumonias
Keisuke Morikawa, Yasunori Imaoka, Hiroyuki Takemura, Shogo Inaba, Syunta Shimoda, Makoto Okada, Esteban Cesar Gabazza Sanabria, Osumi Hataji, Speaker to be confirmed

Effect of antituberculosis treatment on cardiopulmonary responses to exercise in pulmonary tuberculosis
Ashok Bansode, Tilachand Dhamgaye, Kapil Iyer, Swapnil Kulkarni, Mahesh Jansari, Speaker to be confirmed

Dietary nitrate supplementation and exercise tolerance in chronic heart failure: A double-blind, randomized, placebo-controlled, crossover trial
Daniel Hirai, Joel Zelt, Joshua Jones, Robert Bentley, Wendy Earle, Patti Staples, Michael Tschakovsky, John McCans, Denis O’ Donnell, J. Alberto Neder, Speaker to be confirmed

Stops and its correlation with new measurements during the six-minute walk test in patients with chronic obstructive pulmonary disease
Carlos André s Celis Preciado, María José Fernández, Ximena Correa, Speaker to be confirmed

Effects of respiratory warm-up exercises on exercise-induced bronchoconstriction
Philipp Eichenberger, Thomas A. Scherer, Christina M. Spengler, Speaker to be confirmed

Correlation of air trapping in COPD with nadir to peak increment of ventilatory equivalents at maximal effort
Rottem Kuint, Neville Berkman, Samir Nusair, Speaker to be confirmed

Influence of age, weight and height on oxygen pulse during maximal exercise
Wilaiwan Khrisanapant, Tichanon Promsrisuk, Orapan Pasurivong, Watchara Boonsawat, Boonsong Patjanaasonontorn, Paitoon Benjapormlert, Speaker to be confirmed

Effects of bronchodilation and breathing reserve consumption on cardiopulmonary exercise test performance in non-asthmatic athletes
Murillo Frazão, Paulo Eugênio Silva, Wanessa Frazão, Socorro Brasileiro, Speaker to be confirmed

Estimation of peak oxygen uptake in obese patients with metabolic syndrome
Alexandre Darmon, David Debeaumont, Catherine Tardif, Pierre Dechelotte, Caroline Thill, Luc Thiberville, Jeremy Coquart, Speaker to be confirmed

Exercise tolerance and ventilatory response in patients with type-1 diabetes
Irene Turinese, Paolo Marinelli, Marco Rossetti, Giovanni Statuto, Tiziana Filardi, Matteo Bonini, Alberto Paris, Susanna Morano, Paolo Palange, Speaker to be confirmed

Tabagism, Physical activity and cardiovascular risk in youth. An analysis of MACISTE study
Giuseppe Fiorenzano, Giacomo Pucci, Francesca Battista, Fabio Anastasio, Mariano Edoardo Crapa, Leandro Sanesi, Lucas Troiani, Marco D’ Abbondanza, Giuseppe Schillaci, Speaker to be confirmed

Validity of 50m walking test in obese patients
Christina Priegnitz, Marcel Tremi, Kerstin Richter, Winfried J. Randerath, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Hypoxia, oxidative stress and biomarkers in obstructive sleep apnoea
Chairs:

Chronic intermittent hypoxia induces liver injury in mice with diet induced obesity via TLR4/MyD8/MAK/NF-kB signaling pathways
Hyeon Hui Kang, Jin Young Mo, Sang Haak Lee, Hwa Sik Moon, Speaker to be confirmed

Adiponectin can improve chronic intermittent hypoxia induced genioglossus contractile dysfunction
Xilong Zhang, Hanpeng Huang, Xiaofeng Zhang, Speaker to be confirmed
The effect of 5-HT<sub>1A</sub> receptor on the upper airway of chronic-intermittent-hypoxia rats  
Ying Zou, Wei Wang, Aidi Wang, Ling Zhou, Speaker to be confirmed

Changes in inflammatory mediators as a result of intermittent hypoxia in obstructive sleep apnea syndrome  
Müge Kutnu, Volkan Sozer, Ersan Atahan, Buket Caliskaner Ozturk, Ergi Hysi, Cansu Cabuk, Benan MÜsellim, Gonul Simsek, Hafize Uzun, Speaker to be confirmed

Correlation between severity of obstructive sleep apnea (OSA) and serum total cholesterol: HDL cholesterol (Tc:Hdl) ratio  
Shubham Agrawal, Jai Kumar Samaria, Praveen K. Singh, Mohit Bhatia, S.C. Matah, Speaker to be confirmed

Lipopolysaccharide alters the pattern of breathing and Hering-Breuer reflexes in anaesthetized rats  
Tatiana Tumanova, Viacheslav Aleksandrov, Speaker to be confirmed

A major inflammatory cytokine IL-1 inhibits the ventilatory response to hypoxia  
Nina P. Aleksandrova, Galina A. Danilova, Speaker to be confirmed

Interrelationships between oxidative stress and MMP-9 in subjects with severe obstructive sleep apnea syndrome  
Baldassare Canino, Eugenia Hopps, Rosalia Lo Presti, Vincenzo Calandrino, Gregorio Caimi, Speaker to be confirmed

The role of the complement system in the pathomechanism of obstructive sleep apnea syndrome  
Péter Horváth, Zsófia Lázár, Rita Puskás, Gábor Bácskay, Gabriella Gálffy, György Losonczy, László Kunos, András Bikov, Speaker to be confirmed

Does the neutrophil-to-lymphocyte ratio have any importance between subjects with obstructive sleep apnea syndrome with obesity and without obesity?  
Fulsen Bozkus, Nursel Dikmen, Anil Samur, Speaker to be confirmed

Optogenetic silencing of selected serotonin neurons in the control of CO<sub>2</sub>-induced arousal  
Rika Moriya, Mitsuko Kanamaru, Naoki Ookuma, Akira Yoshikawa, Kenji F. Tanaka, Satoshi Hokari, Yasuyoshi Ohshima, Masahiko Izumizaki, Speaker to be confirmed

Long term changes of C-reactive protein (CRP) in obstructive sleep apnoea (OSA) with or without treatment  
Ana Lucía Figueredo Cacacho, Teresa Martin Carpi, Dinora Polanco Alonso, Ana Lilian Simon Robles, Victoria Gil Gomez, Pablo Cubero Marin, Marta Forner, Santiago Carrizo Sierra, Salvador Bello, José Marí a Marín Trigo, Speaker to be confirmed

A study on the association between the severity of newly diagnosed obstructive sleep apnea and subclinical carotid atherosclerosis in patients without overt cardiovascular disease  
Kleanthis Theodoropoulos, Dimosthenis Lykouras, Kiriakos Karkoulias, Dushyant Damania, Aspasia Rigopoulou, George Hahalis, Ioannis Starakis, Kostas Spiropoulos, Speaker to be confirmed

Thematic Poster: Clinical presentation, daytime symptoms and screening of obstructive sleep apnoea

12:50 - 14:40

Athens insomnia scale in obstructive sleep apnea patients and factor structure analysis  
Athanasia Patak a, Evdokia Sourla, Sofia Akritidou, Seraphim Kotoulas, Evangelia Panagiotidou, George Kalamaras, Nikolaos Chavouzis, Paraskevi Argyropoulou, Speaker to be confirmed

Prevalence of anxiety disorder and depression in newly diagnosed obstructive sleep apnea patients  
Areli Batzi kosta, Paschalia Tiga, Evangelia Nena, Eleni Perantoni, Nicholas-Tiberio Economou, Paschalis Steiropoulos, Speaker to be confirmed

Excessive daytime sleepiness in the general population: Experiences from the use of an online Epworth sleepiness scale  
Jennifer Boyes, Panagis Drakatos, Ian Jarrold, Judy Harris, Joerg Steier, Speaker to be confirmed

Tiredness or sleepiness in obese patients - What should we consider?  
Ahmad Kamal Azri Abi Musa Asa r i, Ashwin Rajhan, Nathalie Bryan, Ajit Thomas, Martin Allen, Speaker to be confirmed
Subjective sleep quality in a coronary care unit
Simone Chaves Fagondes, Flavia Gabe Beltrami, Bruno Rocha de Macedo, Angela Beatriz John, Simone Fagondes, Speaker to be confirmed

The predictive value of STOP-BANG and Epworth questionnaires prior to coronary artery bypass surgery on postoperative pulmonary complications
Özlem Erçen Diken, Adem Ilkay Diken, Adnan Yalçin, inka, SERTAN ÖZyalçIN, Speaker to be confirmed

STOP-BANG questionnaire overestimates sleep apnea in asthmatic patients with nocturnal symptoms
Margarida Dias, Maria João Oliveira, Dulce Apolinário, Daniela Ferreira, Inês Ladeira, Ivone Pascoal, Aurora Carvalho, Ricardo Lima, Speaker to be confirmed

BOAH - A shorter version of STOP-BANG questionnaire for prioritizing patients for polysomnography in sleep clinic
Łukasz Mokros, Wojciech Kuczynski, Agata Gabryelska, Piotr Bielasiewicz, Speaker to be confirmed

Application of cluster analysis in OSA population
Donato Lacedonia, Giovanna E. Carpagnano, Roberto Sabato, Maria Maddalena Lo Storto, Giulia Patricelli, Maria Pia Foschino Barbaro, Crescenzio Gallo, Speaker to be confirmed

Determining breathing or snoring episodes and apneas during sleep using acoustic signal from the neck
Marcel Mlynczak, Wojciech Kukwa, Ewa Migacz, Maciej Migacz, Speaker to be confirmed

Submental and neck ultrasonography measurements in patients with obstructive sleep apnea
Flaminio Mormile, Luca Viglietta, Annelisa Mastrobattista, Andrea Smargiassi, Marcello Bosi, Salvatore Valente, Speaker to be confirmed

Efficacy and cost-effectiveness of home respiratory polygraphy
MªÁngeles Sanchez Quiroga, Juan Fernando Masa Jiménez, Ferrán Barbé Ii, Marta Cabello Najera, Neus Salord Oleo, Joaquin Duran Cantolla, Francisco Capote Gil, Jesús Muñoz Méndez, Josep Maria Montserrat, Mónica De la Peña Bravo, Speaker to be confirmed

Over diagnosis of sleep apnoea: A comparison of three common ambulatory sleep polygraphs
Neil Skjodt, Ronald S. Plattt, Samaneh Sharraf, Amin Habib, Jocelyne Lamoureux, Speaker to be confirmed

Can we use the oxygen desaturation index alone to reliably diagnose obstructive sleep apnoea in obese patients?
Hussain Basheer, Shashank Sharma, Miraj Patel, Speaker to be confirmed

Validity of overnight pulse oximetry as a screening tool of obstructive sleep apnea
Luci Suliman, Nesren Shalabi, Ahmed Saad, Speaker to be confirmed

Obstructive sleep apnea screening methods in obese patients
Simone Chaves Fagondes, Angela Beatriz John, Vinicius Von Diemen, Manuel Trindade, Valmir Furquim Prestes, Menna Barreto Sergio, Speaker to be confirmed

Validation of the oxygen desaturation index to exclude sleep apnea
Timon M. Fabius, Jeffrey R. Benistant, Lindsey Bekkedam, Job van der Palen, Frans H.C. de Jongh, Michiel Wagenaar, Michiel M.M. Eijsvogel, Speaker to be confirmed

Is desaturation Index, a better predictor of metabolic syndrome than apnoea-hypopnoea index?
Mohammed Zuhaib, Syed Tousheed, B.V. Murali Mohan, Ranganath Ramanjaya, Hemanth Kumar, P.H. Manjunath, Speaker to be confirmed

Validation of a suprasternal pressure transducer for sleep apnea classification in children
Alessandro Amaddeo, Marta Fernandez-Bolanos, Jorge Olmo Arroyo, Sonia Khirani, Gaumme Baffet, Brigitte Fauroux, Speaker to be confirmed

Detecting breathing route during sleep in children using acoustic signal from the nose
Marcel Mlynczak, Wojciech Kukwa, Ewa Migacz, Maciej Migacz, Speaker to be confirmed
Prevalence of SAHS in uncomplicated normal pregnant women in the third trimester
Núria Toledo Pons, Elisabetta Nervo, Ainhoa Álvarez Ruiz de Larrinaga, Alberto Alonso-Fernandez, B. Muriánez de la Peña, A. Sánchez, M. Codina, J.L. Manjón, E. Montoliu, L. Mora, A. Sánchez, M.J. Mendaza, D. Mohamed, M. Bosch, L. Guerra, Monica De la Peña, A. Saez de Lafuente, Javier Pierola Lopetegui, Egea Santaolalla, Joaquin Durán-Cantolla, J.M. Marínez, L. Mora, Speaker to be confirmed

Validation study of a respiratory polygraphy (Alice PDx) for the diagnosis of sleep apnoea-hypopnoea syndrome in pregnant women
Elisabetta Nervo, Nuria Toledo Pons, Alberto Alonso Fernandez, A. Alvarez Ruiz de Larrinaga, B. Muriánez de la Peña, A. Sánchez, M. Codina, J.L. Manjón, J. Del Horno, J. Duran-Carro, M.J. Mendaza, Merixell Arqué, M.P. Gimenez, D. Mohamed, M. Bosh, L. Guerra, Monica De la Peña, A. Barceló, A. Saez de Lafuente, J. Pierola Lopetegui, C. Egea Santaolalla, J. Durán-Cantolla, J.M. Marínez, L. Mora, Speaker to be confirmed

Sleep disordered breathing in young children: Should we wait for spontaneous resolution?
Rosário Ferreira, Joana Oliveira, Rosa Martins, Speaker to be confirmed

Comorbidity burden in obstructive sleep apnea varies by age in men
Robert Adams, Sarah Appleton, Andrew Vakulin, Douglas McEvoy, Nick Antic, Peter Catcheside, Anne Taylor, Gary Wittert, Speaker to be confirmed

Daytime sleepiness in patients with obstructive sleep apnoea syndrome and its correlation to insulin resistance
Dimosthenis Lykouras, Kleanthis Theodoropoulos, Olga Lagiou, Michail Lykouras, Fotios Sampsonas, AgathiSpiropoulou, Theodore Alexandrides, Kiriakos Karkoulias, Kostas Spiropoulou, Speaker to be confirmed

The clinical presentation of obstructive sleep apnea syndrome is different in diabetic patients
Athanasia Patakia, Despoina Koutsochristou, Seraphim Kotoulas, Evdokia Sourla, Sofia Akritidou, Evangelia Panagiotidou, George Kalamaras, Nikolaos Chavouzis, Katalin Fekete, Paraskevi Argyropoulou, Speaker to be confirmed

How does obstructive sleep apnea syndrome effect renal functions?
Elif Torun Parmaksiz, Ergün Parmaksiz, Banu Salepçi, Gülen Güngör, Benan Çaglayan, Speaker to be confirmed

Effects of short sleep duration on proteinuria and chronic kidney disease: A systematic review and meta-analysis
Narat Srivali, Wisit Cheungpasitporn, Charat Thongprayoon, Sean Caples, Stephen Erickson, Speaker to be confirmed

Adrenal size in patients with obstructive sleep apnea
Takuma Minami, Kimihiko Murase, Satoshi Hamada, Ryo Tachikawa, Takeshi Matsumoto, Kiminobu Tanizawa, Morito Inouchi, Tomohiro Handa, Toru Oga, Michiaki Mishima, Kazuo Chin, Speaker to be confirmed

Detection of sleep-related breathing disorders in cardiologic outpatients
Christina Priegnitz, Thorsten Fritz, Marcel Halbach, Daniel Steven, Stephan Baldus, Ilona Kietzmann, Marcel Tremml, Winfried J. Randerath, Speaker to be confirmed

Prevalence of obstructive sleep apnea in patients with abdominal aortic aneurysm
Jacques Hernigou, Bassel Dakhil, Laure Belmont, Jean-Claude Couffinhal, Patrick Bagan, Speaker to be confirmed

Role of arterial blood gases, continuous positive airway pressure and ddimers to rule out pulmonary embolism suspected in obese patients
Ahmed Gharib, Adel Khattab, Bruno Housset, Adel Saeed, Nada Gomaa, Jesús Gonzalez - Bermejo, Speaker to be confirmed

Obstructive sleep apnoea and risk of recurrent venous thromboembolism
Núria Toledo Pons, Elisabetta Nervo, Alberto Alonso Fernandez, Monica de la Peña, Miguel Carrera Lamarca, Joan B. Soriano, Angela Garcia Suquia, Raquel Casitas, Javier Pierola, Antonia Barceló, Carmen Fernandez Capitán, Elizabet Martinez-Ceron, Francisco García, Maria Aldá, Speaker to be confirmed

COPD and OSA: Can the overlap syndrome be suspected by clinical symptoms
Silke Weber, Flavio Pissulin, Ricardo Beneti, Francis L. Pacagnelli, Maíra Aldá, Jefferson Barros, Speaker to be confirmed
Patients with sleep apnoea (SA) and severe/difficult to treat asthma (SDTA) have worse asthma related clinical outcomes than those with no sleep apnoea
Sarah Davies, Alice Turner, Simon Wharton, Adel Mansur, Speaker to be confirmed

OSA with interstitial lung disease
Sema Saraç, Gulgun Çetintas, Murat Kavas, Zlem Oruç, Özgür Bilgin Topçu, Cansu Atinkaya, Sibel Arinç, Ali Metin, Speaker to be confirmed

Obstructive sleep apnoea and interstitial lung disease: A quality of life analysis
Ana Verónica Santos Cardoso, Nuno Pereira, Vanessa Santos, Patrícia Caetano Mota, Inês Neves, Natália Melo, António Morais, Marta Drummond, Speaker to be confirmed

Sleep disordered breathing in myotonic dystrophy: A consecutive prospective cohort study
Bennett James, Arun Khanna, Baker Jill, Maddison Paul, Sovani Milind, Speaker to be confirmed

Sleep and sleep disordered breathing in a cohort of pre-LTX patients
Marie-Pia D’Ortho, Linda Hajouji-Drissi, Gaelle Dauriat, Anny Rouvel-Tallec, Marie-Amelie Dalloz, Hervé Mal, Speaker to be confirmed

Obstructive sleep apnea in patients with connective tissue diseases, how far the problem?
Rana El-Helbawy, Mohamed Zamzam, Ibrahim El-Mahallawy, Emad Abd El-Hamid, Dina Al-Sharaki, Speaker to be confirmed

Thematic Poster: Technical aspects, compliance and adherence to PAP in sleep apnoea
Chairs:

Study of factors affecting compliance of continuous positive airway pressure (CPAP) in obstructive sleep apnea-hypopnea syndrome (OSAHS)
Pratibha Singhal, Yatin Joshi, Gurraunaq Singh, Swapnil Kulkarni, Speaker to be confirmed

Short term and long term CPAP adherence
Sema Saraç, Gulgun Çetintas, Zlem Oruç, Özgür Bilgin Topçu, Cansu Atinkaya, Sibel Arinç, Ali Metin, Speaker to be confirmed

A retrospective observational study of continuous positive airway pressure (CPAP) compliance rates
Dorothy Price, Jennifer Furlong, Matthew Shaw, Dilwyn Marple-Horvat, Justine Hadcroft, Speaker to be confirmed

Continuous positive airway pressure (CPAP) adherence rates and influencing factors following acute, traumatic tetraplegia
Marnie Graco, Rachel Schembri, David J. Berlowitz, Speaker to be confirmed

OSAS treatment with CPAP: Randomized crossover study comparing tolerance and efficacy with and without humidification
Marie-Pia D’Ortho, Laurent Boyer, Ala Noroc, Carole Philippe, Maria Stoica, Marie-Amélie Dalloz, Anny Rouvel, Speaker to be confirmed

New health risk factors due to continuous airways positive pressure ventilation in sleep apnea - An experimental study in Cluj-Napoca area, Romania
Andreea Coman, Doina Todea, Speaker to be confirmed

Factors influencing the level of efficient pressure of continuous positive airway pressure (CPAP) in the treatment of obstructive sleep apnea (OSAS)
Bironneau Vanessa, Loustonneau Emmanuelle, Pontier Sandrine, Gagnadoux Frederic, Iamandi Carmen, Portel Laurent, Martin Francis, Mallart Anne, Lerousseau Lionel, Alfandary Didier, Levrat Virginie, Portier Florence, Tamisier Renaud, Goutorbe Frederic, Rabec Claudio, Codron Francois, Auregan Guy, Mercy Magalie, Attali Valerie, Soyer Franck, Launois Claire, Recart Didier, Vecchierini Marie-Francoise, Meurice Jean-Claude, Speaker to be confirmed

Cognitive function was improved after continuous positive airway pressure treatment in obstructive sleep apnea syndrome
En-Ting Chang, Hsiu-Mei Wang, Speaker to be confirmed

APAP - Adverse effects and mask comfort
Luana Barros, Rui Correia, Fernanda Ferreira, Joaquim Gabriel, Marta Drummond, Renato Jorge, Speaker to be confirmed
Polysomnographic assessment of automatic adjustable vs fixed EPAP intelligent volume assured positive airflow pressure support in chronic hypoventilation
Nigel McArdle, Stuart King, Lisa Erikli, Siobahn Rea, Dinesh Ramanan, Sahisha Ketheeswaran, Jeff Armitstead, Glenn Richards, Bhajan Singh, David Hillman, Peter Eastwood, Speaker to be confirmed

Influence of nasal or oro-nasal mask on the difference between automatic versus manual detection of residual events in CPAP treated OSA patients
Claudio Ciacco, Marco Guglielmo, Fiorella Pacetti, Alice Montanaro, Luana Focaraccio, Luca Zito, Roberto Torchio, Speaker to be confirmed

Utility of adaptive servoventilation device software in assessing residual respiratory events in the treatment of central apneas
María Guadalupe Silveira, Gabriel Sampol, Roser Cambrodi, Alex Ferre, María José Jurado, Odile Romero, Patricia Lloberes, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Non-CPAP in obstructive and central sleep apnoea and obesity hypoventilation syndrome

Applicability, efficacy and cost effectiveness of sleep apnoea management by an information and communication based technology (ICT). Rationale, design and methods
Vera Marcela Lugo Arrua, Onintza Garmendia, Anabel Moraleda, Ramon Farré, Gemma Guerrero, Concepción Ruiz, Valentina Isetta, Josep M. Montserrat, Speaker to be confirmed

Palaeolithic diet and obstructive sleep apnoea in overweight females: A randomised controlled trial
Karl A. Franklin, Marie Eriksson, Christel Larsson, Bernt Lindahl, Caroline Mellberg, Carin Sahlin, Tommy Olsson, Mats Ryberg, Speaker to be confirmed

Does sleeve gastrectomy improve obstructive sleep apnea
Luci Suliman, Dina Aboelkair, Speaker to be confirmed

Sonographic evaluation of tongue motions during upper-airway stimulation for obstructive sleep apnea
Benedikt Hofauer, Andreas Knopf, Markus Wirth, Clemens Heiser, Speaker to be confirmed

Upper airway stimulation for obstructive sleep apnoea: Patient reported outcomes after 48 months of follow-up
Johan Verbraecken, Winfried Randerath on Behalf of STAR Trial Investigators, Speaker to be confirmed

Implanted upper airway stimulation device for OSA improves snoring
Fayez Almutairi, Raymond Cluydts, Marc Willemen, Marijke Dietjens, Jolien Beyers, Olivier Vanderveken, Paul Van de Heyning, Wilfried De Backer, Johan Verbraecken, Speaker to be confirmed

Single center experience of selective upper airway stimulation in 45 patients with obstructive sleep apnea
Clemens Heiser, Markus Wirth, Constanze Gaehleitner, Benedikt Hofauer, Speaker to be confirmed

Adenotonsillectomy revisited: Outcomes in 54 children with sleep disordered breathing after adenotonsillectomy
Peter Salfeld, Bernhard Rinderer, Benedikt Gerber, Marc Kengelbacher, Degenhard Schwub, Bernd Erkert, Christoph Stü, ssi, Speaker to be confirmed

Maxillary advancement as alternative technique in our OAS cohort
Marta Garcia Moyano, Amaia Urrutia Gajate, Leyre Serrano Fernandez, Beatriz González Quero, Idoia Salinas Garrido, Carlos Prol Teijeiro, Joan Bruno Casellas, Valentin Cabriada Nuño, Jose Amilibia Alonso, Speaker to be confirmed

Is the bimaxillary advancement surgery usefull in patients with obstructive sleep apnea-hypopnea syndrome(SAHS)?
Beatriz Martin Garcia, Ana Jaureguizar Oriol, Eva Mañ as Baena, Patricia Lazo Meneses, Alicia Albalat, Paola Arrieta Narvaez, Rosa Mirambeaux Villalona, Patricia Castro Acosta, Jose Miguel Esilava Gurrea, Speaker to be confirmed

Complications of bariatric surgery in morbid obesity in patients with obstructive sleep apnea syndrome
Maria Jesus Aviles Ingles, Monica Martinez Martinez, Damian Malia Alvarado, Milycen Garrido Cepad, Maria del Carmen Abellán Martinez, Pedro Mendez Martinez, Juan Francisco Martín, Maria Cristina Contessotto Avilés, Francisco Roman Lopez Andreu, Javier Rodenas Moncada, Speaker to be confirmed

Maximum pressures from auto-CPAP devices predict oral appliance treatment success in non-adherent obstructive sleep apnoea patients
Anders Storesund, Anders Johansson, Sverre Lehmann, Speaker to be confirmed
A randomized controlled trial of a novel sleep surface for treatment of positional sleep apnea
Ulysses Magalang, Jesse Mindel, Gary Phillips, Kirsten Emmons, David Ribble, Speaker to be confirmed

Positional therapy as a treatment for central sleep apnoea: A prospective multicentre trial
Linda Benoist, Johan Verbraecken, Hennie Janssen, Nicò de Vries, Speaker to be confirmed

The effect of supplemental oxygen in obesity hypoventilation syndrome
Mª Ángeles Sanchez Quiroga, Juan F. Masa, Jaime Corral, Auxiliadora Romero, Candela Caballero, Joaquín Terán Santos, Maria L. Alonso-Álvarez, Teresa Gomez-Garcia, Mónica González, Soledad López pez-Martinez, Pilar De Lucas, José M. Marin, Sergi Martí, Trinidad Díaz-Cambriles, Eusebi Chiner, Miguel Merchán, Carlos Egea, Ana Obeso, Babak Mokhlesi, Speaker to be confirmed

Delivery of CO$_2$ by displacement ventilation for the treatment of sleep apnea
Francis H.Y. Green, Andrea Chiu, Stefan Dalberg, Grishma Shrestha, Morenike Fadayomi, Cora Pieron, Tamer El Mays, David Nelson, Gareth Lewis, Lalli Gurkeet, Dennis John, Speaker to be confirmed

HFNC: A new therapeutic approach in patients with chronic heart failure and Cheyne-Stokes breathing
Maria Antonietta Mazza, Gianfranco Scotto di Frega, Anna Anunziata, Rosa Cauteruccio, Pasquale Imitazione, Antonella Marotta, Maria Cardone, Giuseppe Fiorentino, Speaker to be confirmed

Effect of dexamethasone on nocturnal breathing in lowlanders with COPD travelling to 3200m
Michael Furian, Mona Lichtblau, Sayaka S. Aeschbacher, Maya Bisang, Alexey Nikiforov, Tsogyal D. Latshang, Silvia Ulrich, Almaz Aldashev, Talant Sooronbaev, Konrad E. Bloch, Speaker to be confirmed

13:00 - 14:15
Assembly members' meeting: Assembly 1 Clinical
Chairs: Chair to be confirmed

13:00 - 14:15
Assembly members' meeting: Assembly 3 Cell and molecular biology
Chairs: Chair to be confirmed

13:00 - 14:15
Assembly members' meeting: Assembly 5 Airway diseases
Chairs: Chair to be confirmed

13:00 - 14:15
Assembly members' meeting: Assembly 6 Occupation and epidemiology
Chairs: Chair to be confirmed

13:00 - 14:15
Assembly members' meeting: Assembly 7 Paediatrics
Chairs: Chair to be confirmed

13:00 - 14:15
Assembly members' meeting: Assembly 9 Allied respiratory professionals
Chairs: Chair to be confirmed

13:00 - 14:30
Lunchtime session: Lung cancer: latest developments in screening and patient management
ERS/Lancet joint lunchtime
Aims: The aim of this session is to learn about the latest treatments, clinical developments, and thinking in the area of lung cancer screening, management, and treatment.
Track(s): Oncology
Tag(s): Clinical
Target audience: The session will mostly apply to practicing clinicians, oncologists and pulmonologists, but also policymakers and translational scientists.
Chairs: Jean-Paul Sculier (Brussels, Belgium), Chair to be confirmed
**Monday 05 September, 2016**

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>13:00</td>
<td>Lung cancer screening: latest developments and unanswered questions</td>
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<td></td>
<td>Carlijn Van der Aalst (Rotterdam, Netherlands)</td>
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<tr>
<td>13:22</td>
<td>New and emerging targeted treatments in advanced lung cancer</td>
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<td></td>
<td>Speaker to be confirmed</td>
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<tr>
<td>13:44</td>
<td>Challenges in molecular testing in lung cancer patients with advanced disease</td>
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<td></td>
<td>Speaker to be confirmed</td>
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<td>14:06</td>
<td>TBC</td>
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**13:00 - 14:30**

Lunchtime session: Interstitial lung disease registry
New and useful insights from prospective registries across the world

**Aims:** The audience will understand the clinical spectrum of ILDs in different parts of the world; the differences in diagnostic approaches for the same problem in different parts of the world; the clinical management of ILD; and the need to foster a global network to enhance the overall understanding of diagnosis and management of ILD worldwide and provide an unified approach to simple clinical management of patients with ILD.

**Tag(s):** Clinical, Translational

**Target audience:** Clinicians, healthcare providers, nurses, respiratory therapists, clinical investigators, sponsors, patient advocacy groups and pharma companies.

**Chairs:** Luca Richeldi (Southampton, United Kingdom), Kevin Flaherty (Pinckney, United States of America)

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>13:00</td>
<td>ILD registry in Germany: EXCITING-ILD</td>
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<td></td>
<td>Juergen Behr (Munich, Germany)</td>
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<tr>
<td>13:22</td>
<td>Quality of life in patients with IPF in Austrailia</td>
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<tr>
<td></td>
<td>Speaker to be confirmed</td>
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<tr>
<td>13:44</td>
<td>ILD India registry: results from new ILD India Registry data base</td>
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<td>Ganesh Raghu (Seattle, United States of America)</td>
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<tr>
<td>14:06</td>
<td>ILD network/registry in the UK</td>
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<td>Speaker to be confirmed</td>
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14:45 - 16:45

Symposium: New therapies for chronic respiratory infections

**Aims:** The aim of this session is to give the audience a general overview of the new therapies for chronic respiratory infections, including antibiotic therapy for patients with bronchiectasis and the new drugs for non-tuberculous mycobacteria and COPD.

**Track(s):** Infection

**Tag(s):** Translational

**Chairs:** Montserrat Vendrell (Girona, Spain), Timothy Aksamit (Rochester, United States of America)

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>14:45</td>
<td>Understanding the concept of chronic infection in the microbiome era</td>
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<tr>
<td></td>
<td>Fernando J. Martinez (New York, United States of America)</td>
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<td>15:15</td>
<td>How to tackle anti-microbial resistance</td>
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<td>Herman Goosens (Edegem, Belgium)</td>
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<tr>
<td>15:45</td>
<td>Managing chronic infection in COPD patients</td>
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<td></td>
<td>Menno M. van der Eerden (Rotterdam, Netherlands)</td>
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<tr>
<td>16:15</td>
<td>The management of non-tuberculous mycobacteria</td>
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<td>Michael Loebinger (London, United Kingdom)</td>
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**14:45 - 16:45**

Symposium: Deep phenotyping to improve treatment outcomes in paediatric asthma
Bringing -OMICS to the clinic

**Aims:** The aims of the session are to review the state-of-art research on deep phenotyping techniques; describe how deep phenotyping can improve treatment outcomes in childhood asthma; discuss the value of deep phenotyping in clinical practice; and stimulate collaboration between clinicians and basic researchers in this field.
14:45 - 16:45
Symposium: Historical landmarks in respiratory medicine: contributions from the UK
Insights from the United Kingdom

Aims: The overall aim is to discuss some of the key contributions made to respiratory medicine by scientists and clinicians from the United Kingdom.

Tag(s): Clinical

Chairs: Roberto Rodriguez-Roisin (Barcelona, Spain), Maria Gabriela Belvisi (London, United Kingdom)

14:45 History of asthma research
Anthony Seaton (Edinburgh, United Kingdom), Speaker to be confirmed

15:15 Respiratory physiology
Michael B. Hughes (London, United Kingdom)

15:45 Tuberculosis therapy
Paul Nunn (London, United Kingdom)

16:15 Treatment of airway disease
Peter J. Barnes (London, United Kingdom)

14:45 - 16:45
Symposium: Driving and sleepiness
ESRS/ERS joint symposium

Aims: This symposium is aimed at those who work in the area of sleepiness as a driving risk and those implementing the evidence-based guidelines in clinical practice. The symposium will describe the advances in this field and the implications of the new EU Directive for practical and medico-legal issues in Europe.

Track(s): Sleep

Target audience: Sleep specialists, and technologists.

Chairs: Winfried J. Randerath (Solingen, Germany), Maria Bonsignore (Palermo, Italy)

14:45 Assessing sleepiness
Speaker to be confirmed

15:15 Sleepiness and driving: risks and epidemiology
Jim Horne (Loughborough, United Kingdom)

15:45 Sleep apnoea syndrome and the EU Directive
Walter McNicholas (Dublin, Ireland)

16:15 Post-continuous positive airways pressure (CPAP) sleepiness
Renata L. Riha (Edinburgh, United Kingdom)

14:45 - 16:45
Symposium: Updating on electronic nicotine delivery systems (ENDS) or e-cigarettes
**Aims:** To update evidence on prevalence and characteristics of e-cigarette experimenters and users; their reasons to consume these products; as well as the awareness, perceived harmlessness and beliefs and attitudes on e-cig. To update evidence and discuss whether the use of electronic cigarettes in smokers is associated with smoking cessation attempts, cessation and reduced cigarette consumption; to update and review evidence on health effects of e-cigarettes: animal studies and experimental laboratory studies regarding acute effects on humans; and case reports of intoxication and respiratory disease; to discuss the challenging issues regarding conducting research on the long term exposures and potential human health effects of the use of e-cigarettes while the duration of exposure is a major determinant of health hazards; To discuss the harm reduction perspective and the public health impact on e-cigarette use.

**Track(s):** Epidemiology / Environment, Oncology

**Tag(s):** Clinical

**Chairs:** Francesco Blasi (Milan, Italy), Bo Lundback (Gothenburg, Sweden), Chair to be confirmed

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<th>Time</th>
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<tr>
<td>14:45</td>
<td>Epidemiology of e-cigarette use. Health effects of e-cig</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>15:15</td>
<td>E-cigarette as the first step into long term addiction</td>
<td>Paraskevi Katsaounou (Athens, Greece), Speaker to be confirmed</td>
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<tr>
<td>15:45</td>
<td>E-cigarette as a cessation treatment?</td>
<td>Carlos Andres Jimenez Ruiz (Madrid, Spain)</td>
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<tr>
<td>16:15</td>
<td>European regulation on e-cigarette.</td>
<td>Constantine Vardavas (Heraklion, Greece)</td>
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**14:45 - 16:45**

**Grand round: Scientific Grand Round: precision medicine**

**an interactive session**

**Aims:** The aim of this grand round is to discuss how recent scientific findings can be used and applied for precision medicine in clinical practice. During this Grand Round, different disease areas will be present and highlight the potential implications, as well as, limitations for stratified medicine thus enabling cross-communication. The audience will be engaged and best practices examples will be discussed.

**Tag(s):** Translational

**Target audience:** Clinician, scientist.

**Chairs:** Melanie Koenigshoff (Munich, Germany), Bruno Crestani (Paris, France), Chair to be confirmed

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<tr>
<td>14:45</td>
<td>Genetics in idiopathic pulmonary fibrosis</td>
<td>David A. Schwartz (Denver, United States of America)</td>
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<td>15:15</td>
<td>Immune checkpoint inhibitors in lung cancer</td>
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<td>15:45</td>
<td>Combined treatment in pulmonary hypertension</td>
<td>Marc Humbert (Paris, France)</td>
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<td>16:15</td>
<td>Phenotyping asthma/COPD overlap syndrome</td>
<td>Donald Sin (Vancouver, Canada), Speaker to be confirmed</td>
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**14:45 - 16:45**

**Hot topics: Air pollution and effects on lung health**

**Aims:** The aims of this session is to update the information on impacts of global climate change and air pollution on cardiopulmonary health, and to discuss the various aspects of the subject. At end of the symposium the audience will know the current status of global climate change variables, the interaction with air pollutants and aeroallergens, and cardiopulmonary impacts, how basic research workers may become more involved in addressing cardiopulmonary health issues associated with global climate change and related factors on cardiopulmonary health and about tools to address climate change in the treatment of patients and those suffer.

**Track(s):** Epidemiology / Environment

**Tag(s):** Translational

**Target audience:** Allergologist, Allied health professional, Cardiologist, Clinician, Emergency medicine doctor, Epidemiologist, Fellow, General practitioner, Immunologist, Junior member, Microbiologist, Occupational therapist, Paediatrician, Patient, Pharmaceutical industry representative, Physiologist, Public health official, Pulmonologist, Researcher, Resident, Respiratory physician, Scientist, TB specialist, Trainee

**Chairs:** Frank J. Kelly (London, United Kingdom), Hasan Bayram (Gaziantep, Turkey)

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<tr>
<td>14:45</td>
<td>Air pollution and interactions with aeroallergens</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>15:10</td>
<td>Local environmental and seasonal changes: implications for viral infection in the lung</td>
<td>Speaker to be confirmed</td>
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</table>
The effect of air pollution and temperature on COPD
Nadia Hansel (Baltimore, MD, United States of America)

Engineered nanoparticles and lung health
Terry Tetley (London, United Kingdom)

Speaker to be confirmed

14:45 - 16:45
Poster Discussion: ILD pathogenesis

Role of MUC1 in idiopathic pulmonary fibrosis
Beatriz Ballester, Javier Milara, Celia Sanz, Sonia González, Ricardo Guijarro, Cecilia Martínez, Julio Cortijo, Speaker to be confirmed

New IL-1 family IL-38 is highly expressed in alveolar cells of drug-induced lung injury and idiopathic pulmonary fibrosis
Masaki Tominaga, Masaki Okamoto, Takashi Kinoshita, Yuki Sakazaki, Masanobu Matsuoka, Shinjiro Kaida, Tomoaki Hoshino, Speaker to be confirmed

Nintedanib reduces fibrotic markers in the lung in a model of rheumatoid arthritis associated interstitial lung disease
Elizabeth Redente, Martin Aguilar, Luc Lalire, Benjamin Edelman, Lutz Wollin, David Riches, Speaker to be confirmed

Cultivating bronchial epithelial cells collected through bronchoscopic microsampling in patients with interstitial lung disease
Nicolas Kahn, Michael Meister, Ralf Eberhardt, Thomas Muley, Marc Schneider, Felix J.F. Hertel, Michael Kreuter, Speaker to be confirmed

Combining immunostaining with micro-computed tomography to visualise the 3D distribution of mast cells in idiopathic pulmonary fibrosis
Ahmad Elmansouri, James Cairns, Philipp Schneider, Ian Sinclair, Luca Richeldi, Peter Lackie, Mark G. Jones, Jane A. Warner, Speaker to be confirmed

IGFBP-2 a new interesting target in IPF
Julien Guiot, Monique Henket, Benjamin Bondué, Jean-Louis Corhay, Renaud Louis, Speaker to be confirmed

Nintedanib and pirfenidone inhibit collagen synthesis and maturation at several regulatory levels
Larissa Knüppel, Yoshihiro Ishikawa, Michaela Aichler, Katharina Heinzelmann, Rudolf Hatz, Jürgen Behr, Axel Walch, Hans Peter Bächinger, Oliver Eckelberg, Claudia A. Staab-Weijnitz, Speaker to be confirmed

17(R)-resolvinD1 improves MMP-9/TIMP-1 imbalance leading to amelioration of pulmonary fibrosis in mice
Masakiyo Yatomi, Takeshi Hisada, Yoshimasa Hachisu, Yasuyuki Saito, Hiroaki Tsurumaki, Yosuke Kamide, Haruka Aoki-Saito, Yasuhiko Koga, Akihiro Ono, Kunio Dobashi, Tamotsu Ishizuka, Masanobu Yamada, Fumikazu Okajima, Speaker to be confirmed

Mesenchymal stem cells and conditioned medium in myofibroblast modulation and collagen production in vascular adventitia and parenchyma of experimental pulmonary fibrosis model
Renato Gonçalves Felix, Ana Livia Carvalho Bovolato, Patricia Santos Leão, Amanda Luisa dos Santos, Ana Paula Pereira Velosa, Waley Rosolia Teodoro, Elenice Deffune, Alexandre Todorovic Fabro, Vera Luiza Capelozzi, Speaker to be confirmed

Confocal laser endomicroscopy: Identification and quantification of the alveolar compartment
Lizzy Wijmans, Daniel M. de Bruin, Peter I. Bonta, Rene E. Jonkers, Joris J.T.H. Roelofs, Inge A.H. van den Berk, Jouke T. Annema, Speaker to be confirmed

Natural killer and natural killer T-like cells in bronchoalveolar lavage fluid and peripheral blood in diffuse lung diseases
Eva Padrão, Oksana Sokhatska, Marília Beltrão, Carmo Palmares, Patricia Caetano, Moises Selman, Speaker to be confirmed

Club cell secretory protein-CC16 is increased in idiopathic pulmonary fibrosis
Ivette Buendia Roldán, Patricia Sierra, Eduardo Montes, Victor Ruiz, Mario H. Vargas-Becerra, Mayra Mejía, Annie Pardo, Moises Selman, Speaker to be confirmed
B-cell infiltration varies among patients with interstitial lung diseases
Luis ARVELO CASTRO, Virginia Van Keulen, Mohamed Ali, Marie Christine Aubry, Tobias Peikert, Eva M Carmona, Speaker to be confirmed

Alveolar lymphocytes (AL) in healthy individuals are mostly effector T cells. The flow cytometry (FC) lesson for interstitial lung diseases (ILD) evaluation
Piotr Kopinski, Ewa Wypasek, Andrzej Dyczek, Joanna Golinska, Tomasz Wandtke, Adam Szpechcinski, Joanna Chorostowska-Wynimko, Speaker to be confirmed

Studies on apoptosis of alveolar lymphocytes (AL) in exogenous allergic alveolitis (EAA)
Piotr Kopinski, Grzegorz Przybylski, Andrzej Dyczek, Ewelina Wedrowska, Joanna Golinska, Adam Szpechcinski, Joanna Chorostowska-Wynimko, Speaker to be confirmed

Usefulness of anti-Ro52 antibodies in the BAL of the patients with ILDs. Pilot study
Karina Portillo Carroz, Inaki Salvador-Corres, Eva Martinez-Caceres, Carmen Centeno-Clemente, Aina Teniente-Serra, Juan Ruiz-Manzano, Alejandro Olivé-Marques, Speaker to be confirmed

Does Rosemary leaves extract can attenuate lung injury in experimental pulmonary fibrosis in rats?
Sana Bahri, Ridha Ben Ali, Khoulia Gasmi, Mona Mlika, Saloua Fazaa, Riadh Ksouri, Raja Serairi, Saloua Ben Khamsa, Speaker to be confirmed

Tumor necrosis factor-alpha and CD4/CD8 ratio in patients with hypersensitivity pneumonitis
Alaa Rashad Mahmoud, Asmaa Nafady, Speaker to be confirmed

14:45 - 16:45
Poster Discussion: New insights for noninvasive ventilation: between dream and reality

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Non invasive positive pressure ventilation for reducing exacerbation in very severe chronic obstructive pulmonary disease (COPD)
Oliver Perez-Bautista, Alejandra Ramirez Venegas, Monica Velazquez Uncal, Rafael Hernandez-Zenteno, Fernando Flores-Trujillo, Alexandra Velazquez-Montero, Raul H. Sansores, Speaker to be confirmed

Outcome of high-flow nasal cannula for acute hypoxemic respiratory failure due to pneumocystis pneumonia
Won-Young Kim, Heungsup Sung, Sang-Bum Hong, Chae-Man Lim, Younsuck Koh, Jiwon Lyu, Jin Won Huh, Speaker to be confirmed

Behavior of home ventilators using two different conditions of airway obstruction
Mario Nicolas Albani Perez, Laura Anoro Abenoza, Joaquin Costan Galicia, Speaker to be confirmed

Short-term effects, long-term compliance and admissions in patients with obesity hypoventilation syndrome under noninvasive mechanical ventilation
Tiago Pinto, Vanessa Santos, Marta Drummond, Miguel R. Goncalves, Speaker to be confirmed

Telemonitoring to optimise care in motor neuron disease: A pilot study
Helen Ashcroft, Hikari Ando, Bis Chakrabarti, Robert Angus, Rob Hallhead, Rosanna Cousins, Speaker to be confirmed

Mask pressure effects on the nasal bridge during noninvasive ventilation: Impact of mask design, ventilator settings and body position
Anne-Kathrin Brill, Rachel Pickersgill, Mohammad Mogal, Mary J. Morrell, Anita K. Simonds, Speaker to be confirmed

Outcome of non-invasive domiciliary ventilation in elderly patients
Jacinto Hernandez Borge, Maria del Carmen Garcia, a a del Carmen Garcia, a a, Marie Jose Antona Rodriguez, Amparo Sanz Cabrera, Pedro Pires Goncalves, Isabel Assehert Aguer, Miguel Benitez-Cano Gamonoso, Jose Antonio Gutierrez Lara, Ignacio Rodriguez Blanco, Pilar Cordero Montero, Ana Castañar Jover, Francisca Louredes Marquez Perez, Speaker to be confirmed

The efficacy of high-flow nasal cannulae oxygen therapy in severe acute exacerbation of chronic obstructive pulmonary disease: A randomized controlled trial
Myoung Kyu Lee, Sang-Ha Kim, Won-Yeon Lee, Suk Joong Yong, Seok Jeong Lee, Ye-Ryung Jung, Speaker to be confirmed

Inpatient transfer for commencement of home NIV: Does a proforma improve practice?
Karen Ward, Helen Ashcroft, Verity Ford, Sara Wordingham-Baker, Robert Angus, Biswajit Chakrabarti, Nick Duffy, Robert Parker, Speaker to be confirmed
Chronic obstructive pulmonary disease admitted to an intensive care unit because of acute respiratory failure: How do severity of acidosis effect short and long term mortality?
Feyza Kargin, Ilım İrmak, Fulya Çiğiyiletepe, Sinem Güzey, Eylem Acartürk, Huriye Berk Takır, Pınar Atağün, Nüzey, Ö. zlem Yaziçoğlu, Moğın, Nalan Adigüzel, Zuhal Karakurt, Speaker to be confirmed

Non-invasive ventilation simulation session outcomes in healthcare professionals
Sarah Stewart, Alina Hua, Ashling Lillis, Jonny Coppell, Terry O’Shaughnessy, Vladimir Macavei, Speaker to be confirmed

Effects of continuous positive airway pressure on arterial stiffness and oxidative stress in patients with obstructive sleep apnoea
Ivana Trojova, Miriam Kozarova, Darina Petrasova, Zuzana Malachovska, Ivana Paranicova, Ivan Tkac, Pavol Joppa, Pavol Pobeha, Ruzena Tkacova, Speaker to be confirmed

Non-invasive ventilation (NIV) setup for COPD-OSA overlap syndrome: Is polysomnography (PSG) useful?
Maxime Patout, Gill Arbane, Jean-Francois Muir, Antoine Cuvelier, Nicholas Hart, Patrick Brian Murphy, Speaker to be confirmed

Predictors of mortality for patients with obesity-related respiratory failure treated with nocturnal non-invasive ventilation
Chathika Weerasuriya, Dariusz Wozniak, Syed Huq, Michael Davies, Speaker to be confirmed

Efficacy of prophylactic CPAP on the immediate postoperative incidence of atelectasis/pneumonia after lung resection surgery
Laura Rarmirez Garcia, Javier de Miguel Díez, Ignacio Garutti, Javier Sayas, Eloisa López, Diego Parise, Enrique Alday, Luis Puente Maestu, Speaker to be confirmed

CPAP to treat obstructive sleep apnoea (OSA) in children with Down syndrome (DS)
Jasneek Chawla, Caitlin Forwood, Helen Heussler, Speaker to be confirmed

Non-invasive ventilation (NIV) in Duchenne muscular dystrophy: A review of 17 years of practice
Victoria Beesley, Helen Molloy, Mark W. Elliott, Dipansu Ghosh, Speaker to be confirmed

Possible risk factors for early and late NIV failure
Begüm Ergan, Recai Ergun, Speaker to be confirmed

14:45 - 16:45
Poster Discussion: Prevalence, prognosis and risk factors of COPD

Chairs:

Respiratory effects of cannabis smoking: A literature review
Luis Ribeiro, Philip Ind, Speaker to be confirmed

CAT-score is a predictor for mortality in COPD
Gunnar Husbøll, Rebecka My Kölil, Andreas Flenen Nielsen, Kristin Mestad, Agathe Krekvik Goertsen, Birger Norderud Lærum, Speaker to be confirmed

Risk of myocardial infarction (MI) associated with acute exacerbations of COPD (AECOPD): Effects of exacerbation frequency
Kieran Rothnie, Hana Műllerová, Liam Smeeth, Neil Pearce, Ian Douglas, Jennifer Quint, Speaker to be confirmed

Relationship between endothelial dysfunction and GOLD stage in patients with COPD
Carlos Cintora, Rafael Díez, Dulce Gonzalez, Arturo Orea, Brenda Santellano, Juan Pineda, Rocío de Sánchez, Edna Contreras, Viridiana Peláez, Raúl Herrera, Óscar Infante, Roberto Martínez, Elisa Pérez, Gerardo Leija, Humberto Sansores, Fernando Trujillo, Speaker to be confirmed

Marijuana smoking: Health and socioeconomic impact in middle-aged and elderly adults
Wan Cheng Tan, Liyun Zheng, Jean Bourbeau, Don Sin, James Hogg, Denis O’Donnell, Francois Maltais, Róbert Cowie, Kenneth Chapman, Paul Hernandez, Darcy Marciniuk, Mark Fitzgerald, Shawn Aaron, Speaker to be confirmed

Impact of heart disease on hand grip strength in COPD
Viktor Johansson Strandkvist, Caroline Stridsman, Helena Backman, Jenny Röding, Anne Lindberg, Speaker to be confirmed
Differences in the disease phenotype and comorbidities between patients with COPD and alpha-1-antitrypsin deficiency - An analysis of the COSYCONET cohort
Sebastian Fähndrich, Frank Biertz, Henrik Watz, Tobias Welte, Annika Karch, Armin Koch, Hans-Ulrich Kauczor, Rudolf Jöres, Claus Vogelmeier, Robert Bals, Speaker to be confirmed

Intrauterine exposures in the ECRHS cohort increase the risk of COPD in smokers
Caroline Lodge, Francisco Real, Julia Dratva, John Burgess, Jennifer Perret, Shyamali Dharmage, Cecilie Svanes, Speaker to be confirmed

Modelling the long-term effects of an active case finding programme for undiagnosed COPD
Tosin Lambe, Rachel Jordan, Peymane Adab, David Fitzmaurice, Sue Jowett, Alexandra Enoesco, Speaker to be confirmed

A comparison of the ADO, BODE and DOSE scores for predicting respiratory hospitalisations in a primary care COPD cohort
Andy Dickens, Rachel Jordan, Alexandra Enoesco, David Fitzmaurice, Alice Sitch, Peymane Adab, Speaker to be confirmed

Modelling future COPD epidemiology
Nicolas Roche, Caroline Laurendeau, Chantal Raherison, Claire Fuhrman, Pierre-Régis Burgel, Speaker to be confirmed

15-Year mortality after hospitalization for COPD in a Dutch teaching hospital: Preliminary data from the MORTCOP cohort
Pauline van Hirtum, Roy Sprooten, Jan van Noord, Martijn de Kruijf, Monique van Vliet, Speaker to be confirmed

COPD in northern Sweden 1994-2009: Less under-diagnosis and altered risk factor pattern
Berne Eriksson, Helena Backman, Eva Rönmark, Linnea Hedman, Caroline Stridsman, Sami Sawalha, Sven-Arne Jansson, Anne Lindberg, Bo Lundbäck, Speaker to be confirmed

Diagnostic characteristics of questionnaires for identification of obstructive lung disease
Bruno P.P. Housset, Loredana Doru, Amel Boudjemaa, Ikram Ben Hassen, Gilles Mangiapan, Zaccharia Saakashvili, Sylvie Jerome, Véronique Samé, Laurent Boyer, Frédéric Schlemmer, Bernard Maitre, Speaker to be confirmed

Changes in FEV1 over 8 years in COPD
Per Sigvald Bakke, Jørgen Vesbo, Emiel Wouters, William MacNee, David Lomas, Peter Calverley, Wisia Wedzicha, Joan Sauledar, Dave Singh, Julie Yates, Ruth Tal-Singer, Bruce Miller, Nicholas Locantore, Speaker to be confirmed

External validation of exacerbation and mortality outcomes of health economic decision models for COPD
Martine Hoogendoorn, Talitha Feenstra, Yumi Asukai, Andrew Briggs, Ryan Hansen, Reiner Leidl, Nancy Risebrough, Yevgeniy Samyshkin, Margarethe Wacker, Maureen Rutten-van Mölken, Speaker to be confirmed

Out-patient combination therapy with inhaled corticosteroids and bronchodilators is associated with lower in-hospital mortality in pneumonia in patients with COPD
Yasuhiro Yamauchi, Hideo Yasunaga, Wakae Hasegawa, Hideyuki Takeshima, Yukiyo Sakamoto, Taisuke Jo, Hiroki Matsui, Takahide Nagase, Speaker to be confirmed

Residential radon and COPD. An ecological study in Galicia, Spain
María Torres-Durán, Raquel Barbosa-Lorenzo, Rebeca Ramis, Nuria Aragonés, Consuelo Carballeira-Roca, Alberto Fernandez-Villar, Gonzalo Lopez-Abente, Juan Miguel Barros-Dios, Alberto Ruano-Ravina, Speaker to be confirmed

14:45 - 16:45
Poster Discussion: Highlights in primary ciliary dyskinesia and asthma in childhood

Mutational screening in Italian patients with primary ciliary dyskinesia by next-generation sequencing (NGS)
Deborah Snijders, Francesca Boaretto, Cecilia Salvoro, Angelo Barbato, Giovanni Vazza, Speaker to be confirmed

Effective patient selection for PCD diagnostics; the PICADAR score with nasal nitric oxide
Samuel Collins, Laura Behan, Kerry Gove, Amanda-Lea Harris, Jane Lucas, Speaker to be confirmed
Introducing immunofluorescence as a diagnostic tool for primary ciliary dyskinesia
Janice Coles, Patricia Goggin, James Thompson, David A. Johnston, Suzanne É. Brooks, Jane S. Lucas, Speaker to be confirmed

Prevalence of primary ciliary dyskinesia among patients referred for specialized testing: A systematic review and meta-analysis
Panayiotis Kouis, Panayiotis Yiallouros, Stefania Papatheodorou, Speaker to be confirmed

Changes in height and BMI in children and adolescents with primary ciliary dyskinesia (PCD) during the growth period: An iPCD cohort study
Myrofora Goutaki, Florian Halbeisen, Philipp Latzin, Elisabeth Maurer, Carmen Casaulta, Suzanne Crowley, Eric Haarman, Jane S. Lucas, Lucy Morgan, Kim G. Nielsen, Francesca Santamarina, Nico Schwerk, Guillaume Thouvenin, Panayiotis Yiallouros, Alban Ramette, Claudia E. Kuehni, Speaker to be confirmed

Lung function and nutritional status in children with cystic fibrosis and primary ciliary dyskinesia
Woolf Walker, Amanda Harris, Bruna Rubbo, Victoria Keenan, Amanda Friend, Sarah Payne, Judi Maddison, Caroline Yonge, Catherine Crocker, Tricia McGinnity, Teresa Curisbury, Kerry Gove, Stan Phillips, Julian Legg, Hazel Evans, Jane Lucas, Gary Connett, Speaker to be confirmed

Evaluating a method for diagnosing PCD in countries of limited resources; an ERS fellowship
Nisreen Rumman, Claire Jackson, Bruna Rubbo, Janice Coles, James Thompson, Jane S. Lucas, Speaker to be confirmed

Presenting features in primary ciliary dyskinesia vary with age
Charles Beresford, Laura Behan, Jane Lucas, Samuel Collins, Speaker to be confirmed

Knowledge of alpha-1 deficiency and primary ciliary dyskinesia by medical students and health professionals
M. Angeles Requena, Francisco Dasí, Rafael Barajas, Silvia Castillo, Olga Benavent, Amparo Escribano, Speaker to be confirmed

Risk for asthma exacerbations in association with variations in the genes coding for the glutathione S-transferase family
Stephen Turner, Ben Francis, Susanne Vijverberg, Maria Pino-Yanes, Anke-Hilse Maitland-van der Zee, Roger Tavendale, Esteban Burchard, Sonnath Mukhopadhyay, Colin Palmer, Speaker to be confirmed

Factors determining persistence of childhood persistent wheeze into young adulthood
Ramesh J. Kurukulaaratchy, Claire Hodgekiss, Graham Roberts, Maria Larsson, Frances Mitchell, S. Hasan Arshad, Speaker to be confirmed

Early-life respiratory tract infections and risk of lower lung function and asthma at school-age. The generation R study
Évelien van Meel, Herman T. den Dekker, Niels J. Elbert, Henriëtte A. Moll, Irwin K. Reiss, Johan C. de Jongste, Vincent W.V. Jaddoe, Liesbeth Duijts, Speaker to be confirmed

Measuring lung function in asthmatic children: A spirometry and forced oscillation technique (FOT) comparison
Giovanna Cilluffo, Salvatore Fasola, Velia Malizia, Giuliana Ferrante, Laura Montalbano, Marco Montalbano, Giovanni Viegi, Stefania La Grutta, Speaker to be confirmed

Latent class identification in wheezing preschool children
Salvatore Fasola, Giovanna Cilluffo, Velia Malizia, Giuliana Ferrante, Laura Montalbano, Marco Montalbano, Giovanni Viegi, Stefania La Grutta, Speaker to be confirmed

14:45 - 16:45
Poster Discussion: Paediatric bronchology

Chairs:

Tracheostomy in children: A single center outcome results
Tuba Kockar, Sifa Sahin, Mehmet Gunduz, Sedat Oktem, Speaker to be confirmed

Clinical and spirometric follow-up from 4 to 9 years after lobectomy for congenital lung malformations in children
Andrea Farolfi, Alessandra Zenga, Chiara Bersanini, Giulia Cammi, Sara Costanzo, Giovanna Riccipetitoni, Gian Vincenzo Zuccotti, Speaker to be confirmed

The indications and role of paediatric bronchoscopy in a middle income country, with high incidence of pulmonary tuberculosis and HIV
Pierre Goussard, Irwin Webster, Robert Gie, Speaker to be confirmed
Misdiagnosed asthma may mask the bronchiolitis obliterans
Ayse Tana Aslan, Tugba Sismanlar, Sevgi Pekcan, Mehmet Kose, Isil Irem Budakoglu, Bahar Göktü, Speaker to be confirmed

Airway stenting as a salvage procedure in a child with a lethal spondyloepiphyseal dysplasia congenita: 13 years follow-up
Paola Serio, Raffaella Nenna, Marco Di Maurizio, Roberto Leone, Roberto Baggi, Laura Petrakca, Lorenzo Mirabile, Fabio Midulla, Speaker to be confirmed

Clues in interstitial lung disease in children (chILD)
Deborah Snijders, Elena de Col, Angelo Barbato, Speaker to be confirmed

Whole-lung lavage in a toddler. Technical challenges and solutions
Ignacio Iglesias, Nuria Montferrer, Rosario Nuno, Silvia Gartner, Ines Mir, Alba Torrent, Antonio Moreno, Speaker to be confirmed

Did the introduction of pneumococcal vaccination in Italy change the BAL positive cultures in children with chronic lung diseases?
Deborah Snijders, Susanna Masiero, Liviana Da Dalt, Angelo Barbato, Speaker to be confirmed

Prenatally diagnosed congenital cystic adenomatoid malformation (CCAM) and pulmonary sequestration (PS): Long-term follow-up of 119 cases
James Cook, Lyn S. Chitty, Paolo De Coppi, Michael Ashworth, Colin Wallis, Speaker to be confirmed

Aspergillosis of the lung in an adolescent with actinomycosis infection
Milan Rodic, Predrag Minic, Speaker to be confirmed

Foreign bodies in airways in children in Albania. Ten years data
Melpomeni Bizhga, Bledi Nini, Klevis Thomai, Speaker to be confirmed

When should we perform flexible bronchoscopy in children with recurrent lower respiratory tract infections (RLTI)?
Amany Touil, Anissa Berraies, Besma Hamdi, Ines Moussa, Jamel Ammar, Agnes Hamzaoui, Speaker to be confirmed

Complications of elective flexible bronchoscopy in children with tracheal abnormalities
Madhavan Ramaswamy, Michiel Vriesendorp, Clare McLaren, Derek Roebuck, Richard Hewitt, Nagarajan Muthialu, Martin Elliott, Speaker to be confirmed

Airway hemangiomas: Multicenter outcome results
Tuba Kockar, Nilay Ikizoglu, Emine Atag, Yasemin Gökdemir, Zeynep Seda Uyan, Sedat Oktem, Speaker to be confirmed

Removal of airway foreign bodies with flexible bronchoscopy: Non-standardized methods
Hasan Yüksel, Ozge Yilmaz, Yurda Simsek, Arzu Acikel, Speaker to be confirmed

Airway endoscopy is an important tool in children with atypical croup
Andreas Pfleger, Manfred Modl, Ernst Eber, Speaker to be confirmed

14:45 - 16:45
Poster Discussion: Quality management and quality of life in lung cancer
Chairs:

Perception of the disease and its impact on life in lung cancer patients
Silvija Zamnickiene, Rasa Gauronskaite, Ruta Kibarskyje, Vaida Gedvilaite, Edvardas Danila, Speaker to be confirmed

Breathlessness-inducing exercise in advanced cancer populations. Which measures to use as functional status declines?
Kahren White, Meera Agar, David Currow, Speaker to be confirmed

Updating the EORTC questionnaire for assessing quality of life in lung cancer patients (EORTC QLQ-LC13)
Christian Klaus Jochen Schulz, Ayje Himpel, Hans-Stefan Hofmann, Michael Koller, Speaker to be confirmed

Distress thermometer in lung cancer patients
Lekka Dimitra, Aggeliki Rapti, Dimitra Karkania, Argyri Evmolpidi, George Moussas, Athanasios Karkanias, Speaker to be confirmed

Influence of anxiety and depression on one-year survival in lung cancer patients
Tomi Kovacevic, Bojan Zaric, Darijo Bokan, Jelena Stanic, Branislav Perin, Speaker to be confirmed
Positive effect of MusiCure on patients undergoing bronchochoscopy - A randomized controlled trial
Elisabeth Jeppesen, Carsten Michèl Pedersen, Klaus Richter Larsen, Anne Rehl, Karen Bartholdy, Vibeke Backer, Speaker to be confirmed

Nutrition and lung cancer
Choubi Mariem, Elkhattabi Wiam, Jabri Hasna, Afif Hicham, Speaker to be confirmed

Sleep disturbances in patients with lung cancer in Turkey

Feasibility of smoking cessation services for patients with lung cancer; a patient centred approach
Rachel Roberts, Keir Lewis, Speaker to be confirmed

Retrospective review of a novel clinical service and pathway for patients with pulmonary nodules
Georgia Hardavella, Anum Azhar, Apheera Hussain, Sujal R. Desai, Speaker to be confirmed

Development of a pulmonary nodule service & clinical pathway: A pragmatic approach addressing an unmet need
Georgia Hardavella, Sujal Desai, Speaker to be confirmed

An assessment of nurse led follow up of pulmonary nodules
Paul O’Donnell, Fiona O’Brien, Lesley Valentine, Carol Telford, Speaker to be confirmed

Validating an EBUS service provided by a group of operators with different levels of experience
Julian Ting, Elankumaran Paramasivam, Speaker to be confirmed

A temporal increase in referrals to a two-week wait lung cancer clinic is not explained by an increase in inappropriate referrals
Benjamin Diggins, Louise Anning, Sandra Pope, Sally Tapp, Bip D. Patel, Speaker to be confirmed

PET-CT - Does it make a difference?
Ameeka Thompson, Andrew Low, Vidan Masani, Speaker to be confirmed

Locally advanced and metastatic lung cancer management delay: Tunisian department experience
Rana Fessi, Besma Ourari, Jihen B. Amar, Heifa Zaibi, Saloua Azzabi, Med Ali Baccar, Hichem Aouina, Speaker to be confirmed

Delay in diagnosis and management of lung cancer in developing countries
Imen Bachouch, Chaima Habouria, Soumaya Agerbi, Fatma Chermiti, Sofia Taktak, Soraya Fenniche, Speaker to be confirmed

Reducing delays in lung cancer diagnostic pathways to improve patient experience
Emma Crawford, George Collins, Zeeshan Mustafa, Geraint Owen, Javed Ibrahim, Shahul Khan, Imran Hussain, Mohammed Haris, Speaker to be confirmed

14:45 - 16:45
Oral Presentation: Recent high impact findings in COPD comorbidities
Chairs:

14:45
Visual estimate of coronary artery calcium predicts cardiovascular disease in COPD
Surya Bhatt, Ella Kazerooni, John Newell, John Hokanson, Matthew Budoff, Chandra Dass, Sandeep Bodduluri, Francine Jacobson, Andrew Yen, Mark Dransfield, Carl Fuhrman, Joseph Tashjian, Hrudaya Nath, Speaker to be confirmed

15:00
Incidence and clinical characteristics of lung cancer in patients with COPD - From Hokkaido COPD cohort study
Mineyoshi Sato, Masaru Suzuki, Hironi Makita, Satoshi Konno, Kaoru Shimizu, Hiroki Kimura, Hirokazu Kimura, Masaharu Nishimura, Speaker to be confirmed

15:15
Non-alcoholic fatty liver disease (NAFLD): A new mechanism for co-morbidities in chronic obstructive pulmonary disease (COPD)?
Damien Viglino, Ingrid Jullian-Desayes, Renaud Tamisier, Marion Perrin, Maxime Maignan, Marie Joyeux-Faure, Jean-Louis Pepin, Speaker to be confirmed
Prognostic impact of chronic obstructive pulmonary disease in severe symptomatic aortic stenosis
Marzia Rigolli, Andrea Rossi, Pierluigi Temporelli, Giovanni Benfari, Giovanni Cioffi, Stefano Nistri, Nicola Gaibazzi, Federica Guidetti, Corrado Vassanelli, Marco Metra, Luigi Tavazzi, Pompilio Faggiano, Speaker to be confirmed

Role of soluble -klotho on lung and skeletal muscle function in chronic obstructive pulmonary disease
Yuko Kureya, Hiroshi Kanazawa, Naoki Ijiri, Tetsuya Watanabe, Yoshihiro Tochino, Kazuhisa Asai, Kazuto Hirata, Speaker to be confirmed

Association of angiopoietin-like protein 4 with cardiovascular function in patients with COPD
Benjamin Waschki, Anne Kirsten, Olaf Holz, Thorsten Meyer, Ralf Lichtinghagen, Klaus Rabe, Helgo Magnussen, Tobias Welte, Henrik Watz, Sabina Janciauskiene, Speaker to be confirmed

Contractile capability of diaphragm assessed by ultrasonography correlate with nocturnal oxygen saturation in COPD
Kazuki Okura, Masahiro Ivakura, Atsuyoshi Kawagoshi, Keiyu Sugawara, Hitomi Takahashi, Takeshi Kashiwagura, Mitsunobu Homma, Masahiro Satake, Takenobu Shioya, Speaker to be confirmed

Normalised quadriceps muscle strength cut-points and mortality in COPD
Jane Lydia Canavan, Matthew Maddocks, Samantha Kon, Sarah Jones, Claire Nolan, Alex Labey, Michael Polkey, William Man, Speaker to be confirmed

Tele-monitoring intervention on COPD exacerbations
Georgios Kaltksakas, Andriana I. Papaioannou, Maroula Vasilopoulou, Stavroula Spetsioti, Sofia-Antiopi Gennimata, Anastasios F. Palamidas, Nikolaos Chynkiamis, Eleni A. Kortianou, Theodora Vasilopoulou, Ioannis Vogiatzis, Nickolaos G. Koulouris, Speaker to be confirmed

Physical activity and risk of comorbidities in patients with chronic obstructive pulmonary disease
Tsung Yu, Gerben Ter Riet, Milo Puhan, Anja Frei, Speaker to be confirmed

Diaphragmatic mobility improves after pulmonary rehabilitation. A study using M-mode ultrasonography
Camilo Corbellini, Alain Boussuges, Jorge Hugo Villafañ e, Luciano Zocchi, Speaker to be confirmed

The role of exercise training in a weight loss program on psychosocial morbidity, sleep quality and physical activity in obese asthmatics: A RCT
Patricia D. Freitas, Aline G. Silva, Palmira G. Ferreira, Analuci da Silva, Joao M. Salge, Alberto Cukier, Regina Carvalho-Pinto, Cláudia M. Brito, Marcio C. Mancini, Celso R.F. Carvalho, Speaker to be confirmed

Physical frailty and pulmonary rehabilitation in COPD
Matthew Maddocks, Samantha Kon, Jane Canavan, Sarah Jones, Claire Nolan, Alex Labey, Michael Polkey, William Man, Speaker to be confirmed

Effects of a 3-week pulmonary rehabilitation program in patients with idiopathic pulmonary fibrosis - A randomized, controlled trial
Inga Jarosch, Tessa Schneeberger, Rainer Gloeckl, Michael Kreuter, Claus Neurohr, Antje Prasse, Jürgen Behr, Klaus Kenn, Speaker to be confirmed

Reduction of airway smooth muscle mass in airway biopsies following bronchial thermoplasty; the TASMA randomized controlled trial
Julia N.S. d’Hooghe, Joris J.T.H. Roelofs, Jouke T. Annema, Peter I. Bonta, Speaker to be confirmed

Needle based confocal laser endomicroscopy for mediastinal lesions, an in vivo pilot-study
Lizzy Wijmans, Daniel M. de Bruin, Sybren L. Meijer, Jouke T. Annema, Speaker to be confirmed

Real-time endoscopically measurements of lung electrical impedance evaluated in vivo
Ana Maria Munoz Fernandez, Nuria Coll, Virginia Pajares, Ramon Bragos, Pere J. RIU, Diego Castillo, Alfons Torrego, Speaker to be confirmed
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<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tr>
<td>15:30</td>
<td>3D endobronchial ultrasound (EBUS): Clinical demonstration</td>
<td>Hanne Sorger, Erlend Fagertun Hofstad, Tore Amundsen, Thomas Langø, Hakon Olav Leira, Speaker to be confirmed</td>
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<td>15:45</td>
<td>Transbronchial Cryobiopsy - Is the bleeding risk changed in comparison to transbronchial forceps biopsy?</td>
<td>Juergen Hetzel, Christoph Petermann, Ralf Eberhardt, Wolfgang Gesierich, Kaid Darwiche, Lars Hagmayer, Ahmed Elah, Michael Boeckeler, Maik Haentschel, Speaker to be confirmed</td>
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<tr>
<td>16:00</td>
<td>Safety of transbronchial lung criobiopsy in mechanically ventilated patients in critical care. Multicenter study</td>
<td>Ana Maria Munoz Fernandez, Virginia Pajares, Carmen Lucena, Felipe Andreo, Antoni Betbesé, Laura López, Pedro Castro, Joan Ramon Badia, Jose Ramírez, Marc Fabra, Gloria Bonet, Carles Agustí, Alfonso Torregrosa, Speaker to be confirmed</td>
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<td>16:15</td>
<td>Efficacy of total lung lavage in pulmonary alveolar proteinosis: A multicenter international study of GELF</td>
<td>Pierre Gay, Benoit Wallaert, Stefan Nowak, Jonas Yserbit, C. Hermant, Alban Lovis, Olivier Menard, Bernard Maître, Thomas Vandemoortele, Herve Dutau, Amandine Briault, Arnaud Bourdin, Marios Frourarakis, Jean-Michel Vergnon, Speaker to be confirmed</td>
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**14:45 - 16:45**

**Oral Presentation: Sepsis and ARDS: looking forward**

**Chairs:**

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<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tr>
<td>14:45</td>
<td>Long-term risks of cardiovascular events in patients with chronic kidney disease who survived sepsis</td>
<td>Hsi Chu, Yung-Tai Chen, Speaker to be confirmed</td>
</tr>
<tr>
<td>15:00</td>
<td>Epigenetic control of proteolytic pathways in the diaphragm during prolonged mechanical ventilation</td>
<td>Nikolay Moroz, Auday Al Khunaizi, Karen Maes, Flavia Stana, Dominique Mayaki, Anna Perez, Ghislaine Gayan-Ramirez, Sabah Hussain, Speaker to be confirmed</td>
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<tr>
<td>15:15</td>
<td>Differential regulation of protein degradation pathways in the ventilatory and limb muscles in response to sepsis</td>
<td>Flavia Stana, Marija Vujovic, Dominique Mayaki, Philippe Lebalanc, Laurent Huck, Sabah Hussain, Speaker to be confirmed</td>
</tr>
<tr>
<td>15:30</td>
<td>Severe community-acquired pneumonia: Characteristics and prognostic factors in ventilated and non-ventilated patients</td>
<td>Miquel Ferrer Monreal, Chiara Travieso, Catia Cilloniz, Albert Gabarrus, Eva Polverino, Admantia Liapikou, Francesc Blasi, Antoni Torres, Speaker to be confirmed</td>
</tr>
<tr>
<td>15:45</td>
<td>Partial neuromuscular blockade facilitates lung protective assisted mechanical ventilation</td>
<td>Jonne Doorduin, Joekhe Nollet, Lisanne Roesthuis, Hieronymus van Hees, Johannes van der Hoeven, Leo Heunks, Speaker to be confirmed</td>
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<td>16:00</td>
<td>Effect of antithrombin in an in vitro model of acute respiratory distress syndrome</td>
<td>Raquel Guillamat-Prats, Ferranda Puig, Marta Camprubí-Rimblas, Thomas Lebouvier, Antonio Artigas, Speaker to be confirmed</td>
</tr>
<tr>
<td>16:15</td>
<td>The effect of pre-hospital anti-platelet therapy in adults with ARDS: A meta-analysis</td>
<td>Weizhong Jin, Speaker to be confirmed</td>
</tr>
</tbody>
</table>

**14:45 - 16:45**

**Oral Presentation: Pulmonary hypertension: novel insights**

**Chairs:**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:45</td>
<td>Characterization of a new rat model of heritable PAH</td>
<td>Hautefort Aurelie, Catherine Rucker Martin, Veronique Capuano, Florence Lecerf, Peter Dorfmüller, Barbara Girerd, David Hubert, Marc Humbert, Fabrice Antigny, Frederic Perros, Speaker to be confirmed</td>
</tr>
<tr>
<td>15:00</td>
<td>RASSF1A regulates ROS-HIF axis in hypoxia driven pulmonary hypertension</td>
<td>Swati Dabral, Christian Muecke, Chanil Valsaraj, Mario Schmoranzer, Astrid Wietelmann, Norbert Weissmann, Rajkumar Savai, Werner Seeger, Reinhard Dammann, Soni Savai Pullamsetti, Speaker to be confirmed</td>
</tr>
<tr>
<td>15:15</td>
<td>Detection and characterization of long noncoding RNAs in hypoxia-induced pulmonary hypertension</td>
<td>Matthias Brock, Claudio Schueler, Thomas Haider, Silvia Ulrich, Max Gassmann, Malcolm Köhler, Lars Huber, Speaker to be confirmed</td>
</tr>
</tbody>
</table>
15:30  Carbon nanotubes at the blood-gas barrier: Implications for cardiovascular reactivity
Elizabeth Smith, Terry Tetley, Sheng Hu, Pakatip Ruenraoengsak, Shu Chen, Milo Shaffer, Andrew Thorley, Speaker to be confirmed

15:45  Adventitial remodeling of experimental pulmonary hypertension induces myofibroblast-produced collagen V in a Th17-pathways-related manner
Alexandre Todorovic Fabro, Renato Felix, Juliana Rodrigues Machado, Heloisa Resende Crunivel, Patricio dos Santos Leão, Amanda Luisa dos Santos, Rogério Antonio Oliveira, Walcy Rosolia Teodoro, Ana Paula Pereira Velosa, Vera Luiza Capelozzi, Speaker to be confirmed

16:00  Targeting CDK 4/6 inhibition for the treatment of pulmonary arterial hypertension
Steven Evans, Zhiyong Yang, Franklin Schlerman, Ru Ding, Jeffrey Pelker, Sarah Soucy, Karrie Brenneman, Syed Jameel, Yutian Zhan, Shelby LaBarre, Vuong Nguyen, Jonathan Heyen, Karen Percival, Speaker to be confirmed

16:15  Effects of hypobaric hypoxia on circulating microRNA expression and hypoxic pulmonary vasoconstriction
Birgit Blissenbach, Martin Kröner, Tobias Merz, Christos T. Nakas, Jacqueline Pichler Hefti, Speaker to be confirmed

14:45 - 16:45
Oral Presentation: Phenotyping asthma
Chairs:

14:45  Implementation of personalized treatment of asthma by improved phenotyping: Critical review of knowledge gaps and unmet research needs by the European asthma research & innovation partnership (EARIP) expert panel
Sven-Erik Dahlin, Salman Siddiqui, Maciej Kupczyk, Samantha Walker, Speaker to be confirmed

15:00  Predictors of accelerated decline in FEV<sub>1</sub> in a prospective new-onset asthma cohort
Hanneke Coumou, Guus Westerhof, Selma de Nijs, Els Weersink, Elisabeth Bel, Speaker to be confirmed

15:15  Mast cell gene signature enrichment associates with late-onset severe asthma
Pieter-Paul W. Hekking, Ariane H. Wagener, Matthew Loza, Stelios Pavlidis, Fred Baribaud, Ana X. Sousa, Julie Corfield, Elisabeth H. Bel, Rene Lutter, Bertrand De Meulder, Ian M. Adcock, K. Fan Chung, Ratko Djukanovic, Peter J. Sterk, Speaker to be confirmed

15:30  Reproducibility and stability of severe asthma research program (SARP) clinical cluster phenotypes in SARP3
Wendy Moore, Xingnan Li, Huashi Li, Mario Castro, Serpel Erzurum, John Fahy, Elliot Israel, Nizar Jarjour, Bruce Levy, Lenaard Bacharier, Anne Fitzpatrick, Ben Gaston, Ngoc Ly, Ross Myers, Sima Ramratnam, Wanda Phipatanakul, W. Gerald Teague, David Mauger, Sally Wenzel, Deborah Meyers, Eugene Bleecker, Speaker to be confirmed

15:45  Feasibility of using multiplex technology for simultaneous quantification of inflammatory proteins in exhaled particles
Gunilla Runström, Ekaterina Migorodskaya, Marianne Andersson, Helen Friberg, Anna-Carin Olin, Speaker to be confirmed

16:00  Blood eosinophils, exacerbations in the previous year, lung function and ICS dose predict frequent exacerbations in asthma
Florence Schleich, Andrei Malinovski, Laurent Seidel, Renaud Louis, Speaker to be confirmed

16:15  Differences between asthma-COPD overlap syndrome (ACOS) and adult-onset asthma
Minna Tommola, Pinja Ilmarinen, Leena Tuomisto, Lauri Lehtimäki, Jussi Haanpää, Hannu Kankaanranta, Speaker to be confirmed

14:45 - 16:45
Oral Presentation: Latent tuberculosis infection
Chairs:

14:45  Diagnostic accuracy of the novel C-Tb skin test for LTBI, results from two phase III trials
Morten Ruhwald, Joan Cayla, Henrik Aggerbaek, Keertan Dheda, Peter L. Andersen, Speaker to be confirmed

15:00  Detection TB infection using a skin test with tuberculin and allergen recombinant (CFP-10-ESAT-6) in children and adolescents in Moscow in 2015
Ludmila Slogotskaya, Elena Bogorodskaya, O. Senticchichina, G. Nikitina, V. Litvinov, P. Seltsovskiy, N. Nikolenko, D. Kudlay, Speaker to be confirmed
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:15</td>
<td><strong>Blood and urine IP-10 associate with active TB in HIV-infected patients</strong></td>
<td>Linda Petrone, Angela Cannas, Francesco Aloi, Martin Nsubuga, Joseph Sserumkuma, Ritah Angella Nazziwa, Levan Jugheli, Tedson Lukindo, Enrico Girardi, Klaus Reither, Delia Goletti, Speaker to be confirmed</td>
</tr>
<tr>
<td>15:30</td>
<td><strong>Evaluating 17 years of LTBI screening in NW England</strong></td>
<td>Dominik Zenner, Miranda Loutet, Ross J. Harris, Stephen Wilson, L. Peter Ormerod, Speaker to be confirmed</td>
</tr>
<tr>
<td>15:45</td>
<td><strong>Tuberculosis screening in refugees under the age of five - Worth the effort?</strong></td>
<td>Folke Brinkmann, Stefanie Benzrath, Johannes Forster, Sylvia Tyman, Miriam Eilers, Jan Roschinsky, Cordula Koerner-Rettberg, Speaker to be confirmed</td>
</tr>
<tr>
<td>16:00</td>
<td><strong>The effect of smoking on QuantiFERON results in diagnosis of latent tuberculosis infection</strong></td>
<td>Özlem Salman Sever, Balam Er Dedekarginoglu, Mahal Alekberov, Fusun Oner Eyupoglu, Speaker to be confirmed</td>
</tr>
</tbody>
</table>
Challenging clinical cases: CC8 Complex management issues in ataxia telangiectasia

Aims: To learn about the complex multisystem disease Ataxia telangiectasia (A-T) that associates with high early mortality from lung disease; to examine the respiratory aspects of A-T, including chronic infection, bronchiectasis and interstitial lung disease, immunodeficiency, and bulbar dysfunction leading to aspiration syndromes.

Track(s): Paediatric
Tag(s): Clinical
Chairs: Monika Gappa (Wesel, Germany)

When and why should my child have a gastrostomy?
Jayesh M. Bhatt (Nottingham, United Kingdom), Speaker to be confirmed

Transitioning the complex patient to adult care
Nicholas Oscroft (Cambridge, United Kingdom)

Challenging clinical cases: CC7 How to deal with large airways problems

Aims: To highlight the limitations of interventional pulmonology and discuss when the patient should be referred to surgery; to discuss that the spectrum of nonsurgical tools has expanded in recent years, which means that some important aspects of the pathology can be solved logically.

Tag(s): Clinical
Target audience: Pulmonologists, radiologists, thoracic endoscopists, and thoracic surgeons.
Chairs: Ioan Cordos (Bucarest, Romania), Chair to be confirmed

Role of the interventional pulmonologist
Charles-Hugo Marquette (Nice, France)

Role of the surgeon

Challenging clinical cases: CC6 New treatment approaches in non-small cell lung cancer

Aims: To present interesting clinical cases on non-small cell lung cancer that demonstrate standard practices in thoracic oncology including information on the incidence of the malignancy, diagnostic criteria, staging of disease and risk assessment, treatment plans, response evaluation and follow-up.

Track(s): Oncology
Tag(s): Clinical
Target audience: Clinician, Fellow, General practitioner, Junior member, Oncologist, Pulmonologist, Radiologist, Respiratory physician, Thoracic surgeon, Trainee
Chairs: Tudor Andrei Cernomaz (Iasi, Romania)

Is this patient operable?
Georgia Hardavella (London, United Kingdom), Speaker to be confirmed

A former smoker
Maria M.J. Disselhorst (Amsterdam, Netherlands)

Professional development workshop: PD9 Combining the clinic and research

Aims: To understand how a physician can obtain a good scientific resume without losing touch with the clinical work; to learn how to maximise the opportunities that are offered by combining clinic and research; to discuss how clinical trainings and research fellowships can be successfully combined to support your professional development.
### Tag(s) : Translational

### Target audience : Researcher, Clinician, Fellow, Allied health professional, Trainee, Junior member, Respiratory physician, Scientist

### Chairs : Katerina Antoniou (Heraklion, Greece)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>13:00</td>
<td>Introduction by the chair</td>
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<tr>
<td>13:05</td>
<td>Lightning lecture: Clinical and scientific work from a clinical perspective</td>
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<tr>
<td></td>
<td>Louise Fleming (London, United Kingdom), Speaker to be confirmed</td>
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<tr>
<td>13:15</td>
<td>Lightning lecture: Clinical and scientific work from a junior’s perspective</td>
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<tr>
<td></td>
<td>András Bikov (Budapest, Hungary)</td>
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<tr>
<td>13:25</td>
<td>Workshop: Discussion of case based problems in small working groups</td>
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<td></td>
<td>András Bikov (Budapest, Hungary), Louise Fleming (London, United Kingdom), Speaker to be confirmed</td>
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<tr>
<td>14:10</td>
<td>Discussion and conclusion</td>
</tr>
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</table>

#### 11:00 - 12:30

Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.

### Professional development workshop: PD8 Navigate your publishing process

**Aims** : To provide the audience with a starting point for writing a publication-worthy paper; to understand the current publishing landscape and some of its most recent changes; to provide a ‘behind the scenes’ glimpse of the editorial and peer reviewing process; to maximise the impact of a published research.

### Target audience : Researcher, Educationalist, Trainee, Junior member, Fellow

### Chairs : Anita Simonds (London, United Kingdom), Agnes Boots (Maastricht, Netherlands)

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>11:00</td>
<td>Introduction by the chairs and resume of the pre-congress survey</td>
</tr>
<tr>
<td>11:10</td>
<td>Lightning lecture: How to write a good paper</td>
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<tr>
<td></td>
<td>Marc Humbert (Paris, France)</td>
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<tr>
<td>11:20</td>
<td>Lightning lecture: How to get a paper published</td>
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<tr>
<td></td>
<td>Peter M.A. Calverley (Liverpool, United Kingdom)</td>
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<tr>
<td>11:30</td>
<td>Workshop: Discussion of case based problems in small groups</td>
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<tr>
<td></td>
<td>Marc Humbert (Paris, France), Peter M.A. Calverley (Liverpool, United Kingdom)</td>
</tr>
<tr>
<td>12:10</td>
<td>Discussion and conclusion</td>
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#### 08:00 - 10:30

Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.

### Professional development workshop: PD7 Designing and conducting research in malignant pleural effusion

**Aims** : To provide an update on the experimental models and research techniques in the malignant pleural effusion field; to describe the clinical studies and translational projects in the field; and to show how to design and conduct research in malignant pleural effusion.

### Track(s) : Oncology

### Tag(s) : Basic science

### Chairs : Arnaud Scherpereel (Lille, France)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08:00</td>
<td>Introduction by the chair</td>
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<tr>
<td>08:05</td>
<td>Master lecture: Basic research studies in malignant pleural effusion</td>
</tr>
<tr>
<td></td>
<td>Ioannis Kalomenidis (Marousi, Greece)</td>
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<tr>
<td>08:25</td>
<td>Master lecture: Clinical and translational studies in malignant pleural effusion</td>
</tr>
<tr>
<td></td>
<td>Gary YC Lee (Perth, Australia)</td>
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<tr>
<td>08:45</td>
<td>Interactive questions and answers with the audience</td>
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<td></td>
<td>Ioannis Kalomenidis (Marousi, Greece), Gary YC Lee (Perth, Australia)</td>
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<tr>
<td>09:30</td>
<td>Demonstration of animal models and clinical procedures on videos</td>
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<tr>
<td></td>
<td>Ioannis Kalomenidis (Marousi, Greece), Speaker to be confirmed</td>
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</tbody>
</table>
**Professional development workshop: PD10 Writing multiple choice questions**

**Practical guidelines for the development and assessment of multiple choice questions (MCQs)**

**Aims:** To introduce the MCQ format with its terminologies, technical aspects and rules; to formulate high quality MCQs with clinical vignettes; to evaluate content of MCQs.

**Target audience:** EBUS and spirometry faculty, diplomates, exam committee, anyone else interested in the topic

**Chairs:** Ildikó Horváth (Budapest, Hungary), Robert Primhak (Sheffield, United Kingdom), Chair to be confirmed

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:00</td>
<td>Master lecture including examples, tips and discussion on guidelines</td>
<td>Robert Primhak (Sheffield, United Kingdom), Speaker to be confirmed</td>
</tr>
<tr>
<td>15:15</td>
<td>Workshop: Discussion and evaluation of MCQs that participants prepared prior to the session in small groups</td>
<td>Ildikó Horváth (Budapest, Hungary), Robert Primhak (Sheffield, United Kingdom), Speaker to be confirmed</td>
</tr>
<tr>
<td>15:35</td>
<td>Workshop: Preparation of one MCQ in small groups</td>
<td>Ildikó Horváth (Budapest, Hungary), Robert Primhak (Sheffield, United Kingdom), Speaker to be confirmed</td>
</tr>
<tr>
<td>16:05</td>
<td>Discussion, evaluation, revision and rating of the formulated MCQs</td>
<td>Ildikó Horváth (Budapest, Hungary), Robert Primhak (Sheffield, United Kingdom), Speaker to be confirmed</td>
</tr>
</tbody>
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**Skills workshop: SW17 Polysomnography in adults and children**

**Aims:** To demonstrate how to perform and interpret sleep studies in both adults and children; to highlight the differences between paediatric and adult polysomnography (PSG) and polygraphy including the complexities of sleep and respiratory testing along with the limitations, advantages, and pitfalls; to be able to recognise when different scoring rules should be applied depending on the age of a patient.

**Track(s):** Sleep, Paediatric

**Tag(s):** Clinical

**Target audience:** Any health professional who works in or with sleep related breathing disorders or sleep disorders in either children, adults or both; anyone studying for the HERMES sleep curriculum exam

**Chairs:** Refika Hamutcu Ersu (Istanbul, Turkey)

<table>
<thead>
<tr>
<th>Workstation</th>
<th>Topic</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>1</td>
<td>Setting up polysomnography and polygraphy in children</td>
<td>Elizabeth Hill (Edinburgh, United Kingdom)</td>
</tr>
<tr>
<td>2</td>
<td>Interpreting polysomnography and polygraphy in children</td>
<td>Refika Hamutcu Ersu (Istanbul, Turkey)</td>
</tr>
<tr>
<td>3</td>
<td>Setting up polysomnography and polygraphy in adults</td>
<td>Paul Murphy (Mölndal, Sweden)</td>
</tr>
<tr>
<td>4</td>
<td>Interpreting polysomnography and polygraphy in adults</td>
<td>Raphael Heinzer (Lausanne, Switzerland)</td>
</tr>
</tbody>
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**Skills workshop: SW16 Radiological-pathological correlations for clinicians**

**Aims:** To illustrate and highlight radiological-pathological correlations in different lung diseases; to be able to interpret radiological images and recognise radiological-pathological correlations; to understand when it is necessary to correlate clinical, radiological, and pathological findings.

**Track(s):** Oncology

**Tag(s):** Clinical

**Target audience:** Pulmonologist, Thoracic surgeon, Oncologist, Radiologist, Pathologist, Respiratory physician, Scientist, Trainee
Chairs: Philipp A. Schnabel (Hamburg, Germany)

Introduction

Workstation 1: Lung emphysema
James Hogg (Vancouver, Canada)

Workstation 2: Interstitial fibrosis
Catherine Beigelman-Aubry (Paris, France)

Workstation 3: Lung cancer
Walter De Wever (Leuven, Belgium)

Workstation 4: Pathology of lung emphysema, interstitial fibrosis and lung cancer
Giulio Rossi (Modena, Italy)

10:40 - 13:00

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Skills workshop: SW18 Radiological-pathological correlations for clinicians

Aims: To illustrate and highlight radiological-pathological correlations in different lung diseases; to be able to interpret radiological images and recognise radiological-pathological correlations; to understand when it is necessary to correlate clinical, radiological, and pathological findings.

Track(s): Oncology
Tag(s): Clinical
Target audience: Pulmonologist, Thoracic surgeon, Oncologist, Radiologist, Pathologist, Respiratory physician, Scientist, Trainee

Chairs: Arnaud Scherpereel (Lille, France)

Introduction

Workstation 1: Lung emphysema
Claus Peter Heussel (Heidelberg, Germany)

Workstation 2: Interstitial fibrosis
Sara Tomassetti (Forli, Italy)

Workstation 3: Lung cancer
Sebastian Ley (Munich, Germany)

Workstation 4: Pathology of lung emphysema, interstitial fibrosis and lung cancer
Annette Fisseler-Eckhoff (Wiesbaden, Germany)

14:30 - 16:50

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Skills workshop: SW20 Radiological-pathological correlations for clinicians

Aims: To illustrate and highlight radiological-pathological correlations in different lung diseases; to be able to interpret radiological images and recognise radiological-pathological correlations; to understand when it is necessary to correlate clinical, radiological, and pathological findings.

Track(s): Oncology
Tag(s): Clinical
Target audience: Pulmonologist, Thoracic surgeon, Oncologist, Radiologist, Pathologist, Respiratory physician, Scientist, Trainee

Chairs: Bogdan Dragos Grigoriu (Iasi, Romania)

Introduction

Workstation 1: Lung emphysema
James Hogg (Vancouver, Canada)

Workstation 2: Interstitial fibrosis
Catherine Beigelman-Aubry (Paris, France)

Workstation 3: Lung cancer
Walter De Wever (Leuven, Belgium)
Workstation 4: Pathology of lung emphysema, interstitial fibrosis and lung cancer
Giulio Rossi (Modena, Italy)

10:40 - 13:00

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Skills workshop: SW19 Polysomnography in adults and children

Aims: To demonstrate how to perform and interpret sleep studies in both adults and children; to highlight the differences between paediatric and adult polysomnography (PSG) and polygraphy including the complexities of sleep and respiratory testing along with the limitations, advantages, and pitfalls; to be able to recognise when different scoring rules should be applied depending on the age of a patient.

Track(s): Sleep, Paediatric

Tag(s): Clinical

Target audience: Allied health professional, Clinician, Fellow, General practitioner, Junior member, Lung function technician, Neonatologist, Nurse, Paediatrician, Physiologist, Pulmonologist, Researcher, Resident, Respiratory physician, Sleep specialist/technologist, Trainee

Chairs: Renata L. Riha (Edinburgh, United Kingdom)

Introduction

Workstation 1: Setting up polysomnography and polygraphy in children
Andrew Morley (Glasgow, United Kingdom)

Workstation 2: Interpreting polysomnography and polygraphy in children
Stijn Verhulst (Antwerp, Belgium)

Workstation 3: Setting up polysomnography and polygraphy in adults
Erna Sif Arnardottir (Reykjavik, Iceland)

Workstation 4: Interpreting polysomnography and polygraphy in adults
Renata L. Riha (Edinburgh, United Kingdom)

14:30 - 16:50

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

Skills workshop: SW21 Polysomnography in adults and children

Aims: To demonstrate how to perform and interpret sleep studies in both adults and children; to highlight the differences between paediatric and adult polysomnography (PSG) and polygraphy including the complexities of sleep and respiratory testing along with the limitations, advantages, and pitfalls; to be able to recognise when different scoring rules should be applied depending on the age of a patient.

Track(s): Sleep, Paediatric

Tag(s): Clinical

Target audience: Allied health professional, Clinician, Fellow, General practitioner, Junior member, Lung function technician, Neonatologist, Nurse, Paediatrician, Physiologist, Pulmonologist, Researcher, Resident, Respiratory physician, Sleep specialist/technologist, Trainee

Chairs: Refika Hamutcu Ersu (Istanbul, Turkey)

Introduction

Workstation 1: Setting up polysomnography and polygraphy in children
Elizabeth Hill (Edinburgh, United Kingdom)

Workstation 2: Interpreting polysomnography and polygraphy in children
Refika Hamutcu Ersu (Istanbul, Turkey)

Workstation 3: Setting up polysomnography and polygraphy in adults
Paul Murphy (Molndal, Sweden)

Workstation 4: Interpreting polysomnography and polygraphy in adults
Raphael Heinzer (Lausanne, Switzerland)
Meet the expert: ME9 Detecting and correcting patient-ventilator asynchronies
Aims: To learn about the difficulties in recognising patient-ventilator asynchronies and the steps needed to eliminate them.
Track(s): Intensive care
Tag(s): Clinical
Chairs:
13:00 Detecting and correcting patient-ventilator asynchronies
Laurent Brochard (Toronto, Canada)

Meet the expert: ME10 Effects of exercise on airway responsiveness
Aims: To understand the effect of exercise on bronchial epithelial cells and on airway responsiveness in healthy subjects; the ability of exercise training to attenuate airway responsiveness; the possibility that a sedentary lifestyle is a potential risk factor for the development of airways hyper-responsiveness; and the effect of exercise training in asthmatic subjects.
Track(s): Physiology
Tag(s): Translational
Chairs:
13:00 Effects of exercise on airway responsiveness
Maria Bonsignore (Palermo, Italy)

Meet the expert: ME11 Asthma and sleep-disordered breathing in children and adults
Aims: To review the ongoing clinical studies and recent publications that describe the interaction between asthma and sleep-related breathing disorders; to give an overview of the epidemiology of asthma and sleep-disordered breathing in adults and children; to discuss the shared risk factors and inflammatory pathophysiology of sleep-disordered breathing and asthma, and the evidence that suggests that upper-airway obstruction influences asthma severity and response to therapy; to discuss the evidence showing that treating sleep disorders, including insufficient sleep and sleep-disordered breathing, improves asthma outcomes; and to describe novel methods to measure asthma and sleep-related breathing disorders in the home-setting.
Track(s): Sleep Paediatric
Tag(s): Translational
Chairs:
13:00 Asthma and sleep-disordered breathing in children and adults
Kristie Ross (Cleveland, United States of America)

Meet the expert: ME12 Endoscopic lung volume reduction
Aims: To discuss various options for hyper-inflated patients and different scenarios based on case examples.
Tag(s): Clinical
Chairs:
13:00 Endoscopic lung volume reduction
Felix J.F. Herth (Heidelberg, Germany)

Symposium: The problem of multidrug-resistant tuberculosis
Aims: The emergence of multidrug-resistant tuberculosis (MDR-TB) and the increase in patients with MDR-TB worldwide is challenging tuberculosis control. However, the recent advances in diagnosing tuberculosis drug resistance and the development of novel therapeutic options for drug-resistant tuberculosis provide hope that the MDR-TB epidemic can be curbed.

Track(s): Infection
Tag(s): Clinical
Target audience: Policy makers
Chairs: Graham H. Bothamley (London, United Kingdom), Christoph Lange (Borstel, Germany)

08:30 Impact of next generation sequencing on rapid drug resistance testing in MDR-TB
Stefan Niemann (Borstel, Germany)

09:00 Novel drug regimens against MDR-TB
Andreas Henri Diacon (Tygerberg, South Africa)

09:30 Host directed therapies against MDR-TB
Markus Maeurer (Stockholm, Sweden)

10:00 MDR-TB in Eastern Europe: new public health interventions
Dennis Falzon (Geneva, Switzerland)

08:30 - 10:30 Symposium: Dysfunctional mitochondria in respiratory disease
Aims: This session will aim to clarify the role of mitochondrial damage, release of mitochondrial DNA, and/or mitochondrial damage-associated molecular patterns (DAMPs) in driving respiratory disease pathology (e.g., COPD, acute lung injury, acute respiratory distress syndrome, and asthma). A cadre of experts will critically discuss the evidence that suggests that defects in mitochondrial DNA and/or environmental or cellular stress that damages the mitochondria can promote various diseases of the lung. The focus will be on the effects of these mitochondrial defects/stresses on lung cell/lung tissue function. The presenters will also discuss possible underlying mechanisms and targets of intervention.

Track(s): Physiology
Tag(s): Basic science
Chairs: Agnes Boots (Maastricht, Netherlands), Catherine Greene (Dublin, Ireland)

08:30 Mitochondrial dysfunction: cellular consequences
Speaker to be confirmed

09:00 The role of mitochondrial DAMPs in driving lung inflammation and injury
Speaker to be confirmed

09:30 Dysfunctional mitochondria in lung fibrosis
Ana Mora (Pittsburgh, United States of America)

10:00 Mitochondrial dysfunction in chronic lung disease
Speaker to be confirmed

08:30 - 10:30 Symposium: Cell therapy for ARDS and sepsis
Aims: After this session the attendees will understand the basic mechanisms and the roles of cell therapy in preclinical models of lung injury and severe sepsis and how to lead and implement first-in-human trials of lung cell therapy.

Track(s): Intensive care
Tag(s): Translational
Chairs: Paolo Pelosi (Milan, Italy), Antonio Artigas (Sabadell, Spain)

08:30 Therapeutic efficacy of human mesenchymal cells (MSCs) in the repair of ARDS and VILI
John Laffey (Toronto, Canada)

09:00 Type II pneumocyte transplantation in ARDS
Raquel Guillamat-Prats (Barcelona, Spain)

09:30 MSC therapy as adjunctive treatment in severe sepsis
Michael A. Matthay (San Francisco, United States of America)

10:00 What are the barriers to clinical translation of MSC for ARDS?
Speaker to be confirmed
Symposium: Urban air pollution and human health

Aims: The aim of this session is to summarise the latest knowledge on how climate changes affect the air composition and hence directly influence lung function, lung physiology, and lung pathophysiology. The audience will become aware of the impact the worsening course of global warming will have on human respiratory health. Physicians dedicated to protecting human life from the greatest threat to health and survival will describe the health impacts of continued fossil fuel use and pollution, and how to guarantee a livable world for future generations.

Track(s): Epidemiology / Environment
Tag(s): Translational, Healthy Lungs for Life (HLfL)

Chairs: Christian Taube (Leiden, Netherlands), Stephen T. Holgate (Southampton, United Kingdom)

08:30 Effects of inhalants altered by climate change: the role of controlled human exposure studies
Chris Carlsten (Vancouver, Canada)

09:00 Impact of air pollution on lung development
Speaker to be confirmed

09:30 Impact of hot and humid air on lung physiology
Rainer G. Wiewrodt (Münster, Germany)

10:00 Lung health risks of the urban climate
Christian Witt (Berlin, Germany), Speaker to be confirmed

10:30 Lung cancer carcinogenesis and air quality
Zorana Andersen (Frederiksberg, Denmark)

Hot topics: Obesity and respiratory diseases

Aims: Obesity, a disorder characterised by a low-grade chronic systemic inflammation associated with respiratory comorbidities, is a rapidly evolving field with new insights into pathophysiology and treatments that are improving our approach into this area. The recent increase of obesity prevalence, especially in developed countries, has been considered as pandemic. The WHO estimates that over one billion people worldwide have overweight and of those around 300 million are obese, which is double the prevalence recorded twenty years ago. Obesity is an emerging critical health problem to be investigated to increase awareness and to improve prevention and treatment. This session highlights important current controversies in obesity and respiratory comorbidities and their management and treatment.

Track(s): Physiology, Sleep
Tag(s): Clinical

Chairs: Emiel F. M. Wouters (Maastricht, Netherlands), Bartolome R. Celli Croquer (Wellesley, United States of America)

08:30 Asthma and obesity
Elisabeth H.D. Bel (Amsterdam, Netherlands)

09:00 Obesity: a comorbidome of COPD
Miguel Divo (Boston, United States of America)

09:30 Cardiovascular risk and sleep disordered breathing: what’s up?
Fernando Eduardo Barbe Illa (Lleida, Spain)

10:00 Oxygen- and postural-induced pulmonary changes. Effects of bariatric surgery
Roberto Rodriguez-Roisin (Barcelona, Spain)

Hot topics: What can respiratory medicine learn from cystic fibrosis research?

How advances in CF care and research can be translated or extended to other disease areas in respiratory medicine

Aims: The aim of this session is to disseminate some of the research advances that have been made, or primarily developed, in CF medicine, and show how these may be applied to other disease groups.

Track(s): Paediatric, Physiology
Tag(s): Translational

Chairs: Christiane De Boeck (Leuven, Belgium), Alex Horsley (Manchester, United Kingdom), Siobhan Carr (London, United Kingdom), Chair to be confirmed

08:30 What can we learn about pulmonary infection from studying the microbiome in CF?
Yvonne Huang (Ann Arbor, United States of America)
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Imaging the CF lung</td>
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<td>Harm Tiddens (Rotterdam, Netherlands)</td>
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<td>09:30</td>
<td>New insights in basic mechanisms in cystic fibrosis</td>
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<td>Speaker to be confirmed</td>
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<td>10:00</td>
<td>The central role of CFTR in lung disease</td>
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<td>Stuart Elborn (Belfast, United Kingdom)</td>
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<td>08:30 - 10:30</td>
<td>Year in review: Clinical year in review</td>
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<td><strong>Aims</strong>: The aim of this session is to review the most important papers published last year on different topics (diffuse parenchymal lung diseases, interventional pulmonology, imaging, rehabilitation ...).</td>
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<td><strong>Tag(s)</strong>: Clinical</td>
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<td><strong>Chairs</strong>: Katerina Antoniou (Heraklion, Greece), Celeste M. Porsbjerg (Copenhagen, Denmark)</td>
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<tr>
<td>08:30</td>
<td>Diffuse parenchymal lung disease</td>
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<td>Sara Tomassetti (Forli, Italy)</td>
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<td>09:00</td>
<td>Thromboembolic pulmonary disease</td>
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<td>Marius M. Hoeper (Hannover, Germany)</td>
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<td>09:30</td>
<td>Acute respiratory distress syndrome</td>
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<td>10:00</td>
<td>Chronic care in COPD and asthma</td>
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<td>Thierry Troosters (Leuven, Belgium)</td>
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<td>08:30 - 10:30</td>
<td>Poster Discussion: Asthma points to ponder</td>
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<td><strong>Chairs</strong>:</td>
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<td>Effects of switching inhaled medication from twice a day to once a day in patients with bronchial asthma</td>
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<td>Naoto Watanabe, Sohei Makino, Speaker to be confirmed</td>
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<td>Influence of tobacco smoking on asthma control</td>
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<td>Angelica Tiroti, Nathalie Wirth, Yves Martinet, Speaker to be confirmed</td>
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<td>Asthma-associated factors - Potential predictive markers for patients stratification, personalized treatments and prevention</td>
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<td>Rostyslav Bubnov, Liudmyla Petrenko, Speaker to be confirmed</td>
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<td>Priorities for asthma R &amp; D in Europe: A systematic approach</td>
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<td>Jessica Edwards, Erika Kennington, Nikos Papadopoulos, David Myles, Samantha Walker, Speaker to be confirmed</td>
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<td>Characterization of patients with ACOS - Application of GINA/GOLD questionnaire vs SEPAR criteria</td>
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<td>Maria Antónia Glória Galego, Daniela Rodrigues, Inês Neves, Ana Paula Vaz, Jorge Ferreira, Speaker to be confirmed</td>
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<td>Codeine for treatment of cough variant asthma</td>
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<td>Tuba Erdogan, Ozge Ozturk Ak tas, Ebru Çele bioglu, Güker Karakaya, A. Fuat Kalyoncu, Speaker to be confirmed</td>
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<td>The results of respiratory symptoms automatic calculator application in prophylactic medical examination of adults</td>
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<td>Vitaly Mishlanov, Anastasia Katkova, Ekaterina Skachkova, Anastasia Telnova, Speaker to be confirmed</td>
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<td>Fatty acid blood spectrum in patients with asthma</td>
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<td>Lyudmila Pasyshewshvili, Tamara Pasyshewshvili, Speaker to be confirmed</td>
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<td>The effect of tiotropium bromide on lung function parameters in patients with asthma - COPD overlap syndrome</td>
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<td>Ksenia Nazarenko, Yuriy Feschenko, Liudmyla Iashyna, Speaker to be confirmed</td>
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Management of asthma in patients discharged from A and E
Danielle Bell, Dawn Bradford Taylor, Nicola Green, Elizabeth Norman, Chris Biggin, Sean Parker, Speaker to be confirmed

International perspectives on severe asthma: Current and future challenges in patient care
Sean Hayes, Sophie Peloquin, Andrew Menzies-Gow, Klaus Rabe, Michel Aubbier, Susan Waserman, Speaker to be confirmed

Nutritional assessment tools, BMI & waist circumference are linked with respiratory illness & also signifies the importance of nutrition in such patients
Hira Subhan, Syed Ali Abbas, Muhammad Mohsin Bajwa, Aneel Bhagwani, Speaker to be confirmed

Asthma worsening in days of higher air pollution
Zoran Stojanovski, Olgica KuzarevskaBlazevska, Goran Andonovski, Bojan Janackov, Speaker to be confirmed

Developing integrated mental health and asthma treatment protocol using quality improvement methods
Sophie Jones, Dionne Matthew, Kate Lindley Baron-Cohen, Sarah Elkin, Speaker to be confirmed

Quality of life in asthmatics with osmotic airway hyperresponsiveness (AHR)
Natalia L. Perelman, Juliya M. Perelman, Victor P. Kolosov, Svetlana V. Naryshkina, Speaker to be confirmed

Clinical application of hydrogen sulfide (H<sub>2</sub>S) as a marker of asthma management
Yasuhiro Suzuki, Junpei Saito, Manubu Uematsu, Atsuro Fukuhara, Suguru Sato, Ryuichi Togawa, Yuki Sato, Kenichi Misa, Takefumi Nikaido, Naoko Fukuhara, Xintao Wang, Yoshinori Tanino, Mitsuru Munakata, Speaker to be confirmed

Effectiveness of omalizumab in Greek patients with severe allergic asthma (SAA): The SMILE study
Petros Galanakis, Mina Gga, Fotios Psarros, Eleftherios Zervas, Eirini Mitsiki, Nikolaos Siafakas, Speaker to be confirmed

Effectiveness evaluation of anti-IgE treatment at 3<sup>rd</sup> year: Real life Turkey data
Ayse Arzu Yorgancioglu, Ferda Ö ner Erkekol, Mujever Erđinç, Dilsad Mungan, Bilun Gemicioglu, Zeynep Ferhan Ö zeker, Papatyayrak Dégirmenci, Sibel Nayci, Aykut Ç illi, Fü sun Erdenen, Cengiz Kirmaz, Dane Ediger, Arzu Didem Yağış, Suna Bütə yə közü rık, Samı Bütə yə közü rık, Mustafa Gü lęç, Rana Isik, Ali Fuat Kalyoncu, Ö zlem Gö ksel, Ö mü r Aydın, Yavuz Havlucu, İdilhan Baloglu Ar, Ahmet Erdogdu, Speaker to be confirmed

08:30 - 10:30
Poster Discussion: Molecular and genomic crosstalk to understand and diagnose lung disease

Impaired coordination of skeletal muscle protein turnover signalling in sarcopenic COPD patients
Anita Kneppers, Ramon Langen, Harry Gosker, Pieter Leermakers, Marco Kelders, Chiel de Theye, Nanca Cebron Lipovec, Daniel Omersa, Mitja Lainscak, Annemie Schols, Speaker to be confirmed

Interferon-lambda-genotype GG and IgG2 are predictors for frequent COPD exacerbations in a Swiss multicenter COPD cohort study (TOPDOCS)
Simona Henny, Thomas Dieterle, Thomas Brack, Martin Brutsche, Christian Clarenbach, Adrian Egli, Ingmar Heijnen, Sarosh Irani, Martin Frey, Noriane Sievi, Robert Thurnheer, Marten Trendelenburg, Malcom Kohler, Jö rg Leuppi, Speaker to be confirmed

Activation of skeletal muscle mitophagy in a murine model of pulmonary and systemic inflammation
Pieter Leermakers, Alexander Remels, Ramon Langen, Annemie Schols, Harry Gosker, Speaker to be confirmed

Oral and nasal microbiota in healthy, tobacco smoke COPD (TSCOPD) and biomass smoke COPD (BSCOPD) subjects from India
Dhiraj Agarwal, Dhiraj Dhotre, Bill Brasher, Yogesh Shouche, Sanjay Javekar, Sundeep Salvi, Speaker to be confirmed

A potential role for extracellular matrix proteins in lung ageing in COPD
Maaike de Vries, Alen Faiz, Dirkje S. Postma, Don D. Sin, Yohan Bosse Maarten van den Berge, Corry-Anke Brantsma, Speaker to be confirmed, David C. Nickle, Wim Timens

Increased autophagy and reduced protein synthesis signaling are involved in pulmonary inflammation-induced skeletal muscle atrophy
Judith Ceelen, Annemie Schols, Nathalie Thielen, Marco Kelders, Chiel de Theye, Ramon Langen, Speaker to be confirmed

ERS International Congress 2016
DETAILED PROGRAMME
TUESDAY 06 SEPTEMBER, 2016
**MiR-320c regulates SERPINA1 expression and is associated with pulmonary disease in alpha-1-antitrypsin deficiency**  
Nerea Matamala, Álvaro Otero, Irene Vázquez, Diana Retana, Antonio Muñoz-Callejas, Taiomara Fernández-González, Beatriz Lara, María Teresa Martínez, Alpha1-Antitrypsin Deficiency Spanish Registry, Beatriz Martínez-Delgado, Speaker to be confirmed

**Transforming Growth factor beta-1 and Smad signaling has the potential to drive EMT-related changes in smokers and COPD**  
Malik Quasir Mahmood, David Reid, Hans Konrad Muller, Darryl Knight, Sukhwinder Singh Sohal, Eugene Haydn Walters, Speaker to be confirmed

**Peripheral muscle mitophagy is enhanced in patients with COPD**  
Pieter Leermakers, Annemie Schols, Bram van den Borst, Chiel de Theije, Marco Kelders, Harry Gosker, Speaker to be confirmed

**Histological changes in smoking and COPD mice with short-term exposure of PM 2.5**  
Tianyu Zhou, Guangfa Wang, Speaker to be confirmed

**Altered circulating exosomal RNA profiles detected by next-generation sequencing in patients with severe asthma**  
Masaru Suzuki, Satoshi Konno, Hironi Makita, Kaoruko Shimizu, Hiroki Kimura, Hirokazu Kimura, Masaharu Nishimura, Speaker to be confirmed

**Non-invasive monitoring of emphysema and muscle wasting during experimental disease exacerbation**  
Judith Ceelen, Annemie Schols, Stefan van Hoof, Chiel de Theije, Frank Verhaegen, Ramon Langen, Speaker to be confirmed

**Tryptase+ mast cells associate with fibrotic regions in the lungs of idiopathic pulmonary fibrosis patients; a multiplex staining approach**  
Elena Miranda, Rebecca Dunmore, Doris Rassl, Helen Parfrey, Catherine Overed-Sayer, Arthur Lewis, Lorcan Sherry, Matt Sleeman, Richard May, Deborah Clarke, Speaker to be confirmed

**LSC Abstract - Hookworm infection with nippostrongylus brasiliensis is a MyD88-TRIF independent mouse model of emphysema**  
Emma Ringqvist, Tara Sutherland, William Wallace, Alison Fulton, Sheelagh Duncan, Nicola Logan, Rick Maizels, Judith Allen, Speaker to be confirmed

**LSC Abstract - Use of a semi-automatic human-supervised procedure for quantitative histology: Modulation of tumour cell dissemination in lung parenchyma**  
Natacha Rocks, Catherine Gerard, Christelle Séguret, Markus Moser, Reinhard Faessler, Raphael Marée, Didier Cataldo, Speaker to be confirmed

**The role of Pten in the cell-fate determination of epithelial cells in lung development**  
Ayako Miura, Hironobu Tsubouchi, Shigehisa Yanagi, Nobuhiro Matsumoto, Masamitsu Nakazato, Speaker to be confirmed

**The role of WNT5a in Th17 asthma**  
Tariq Daud, Aarti Parmar, Amanda Sutcliffe, David Choy, Joseph Arron, Yassine Amrani, Peter Bradding, Salman Siddiqui, Speaker to be confirmed

**Optimization of cfDNA routine use for NSCLC genomic alteration analysis**  
Pascale Tomasini, Frederic Fina, Clotilde Fournier, Laurent Greillier, L’Houcine Ouafik, Celine Mascaux, Fabrice Barlesi, Speaker to be confirmed

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**08:30 - 10:30**

**Poster Discussion: Treatment options for obstructive sleep apnoea and obesity hypoventilation**

**Chairs:**

**Comparison of peri-pharyngeal muscle recruitment during upper airway obstruction in patients with OSA and healthy subjects during wakefulness and sleep**  
Arie Oliven, Guy Cohen, Yaniv Dotan, Alan Schwartz, Speaker to be confirmed

**Axonal peripheral nerve demage in obstructive sleep apnea syndrome**  
Levent Kart, Ayse Havan, Mehmet Eryilmaz, Fatma Fidan, Hakan Levent Gül, Speaker to be confirmed

**Feasibility and patient tolerability of transcutaneous electrical stimulation in obstructive sleep apnoea**  
Kate Reed, Martino Pengo, Xiao Sichang, Culaedeban Ratteswaran, Nimish Shah, Tao Chen, Abdel Douiri, Nicholas Hart, Yuanming Luo, Gerrard Rafferty, Gian Paolo Rossi, Adrian Williams, Michael Polkey, John Moxham, Joerg Steier, Speaker to be confirmed
The impact of CPAP on circulating IGF-1 in patients with OSAS
Andreas Palm, Christian Berne, Helena Igelström, Pernilla Åsenlöv, Christer Janson, Eva Lindberg, Speaker to be confirmed

CPAP impact on memory processes in OSA patients, a randomized sham controlled trial
Jean-Louis Pepin, Marie Joyeux-Faure, Bernadette Naegele, Renaud Tamisier, Patrick Levy, Sandrine Launois, Speaker to be confirmed

Does CPAP therapy affect sleep time in patients with obstructive sleep apnea? A prospective study
Ryo Tachikawa, Takuma Minami, Takeshi Matsumoto, Satoshi Hamada, Kimihiko Murase, Kiminobu Tanizawa, Morito Inouchi, Toru Oga, Michiaki Mishima, Kazuho Chin, Speaker to be confirmed

Persistent daytime hypercapnia predicts poor prognosis in OSAS undergoing CPAP therapy
Naoko Kawata, Jiro Terada, Koichiro Tatsumi, Speaker to be confirmed

A automatic bilevel ventilation in sleep-disordered breathing: A real-life experience in southern Italy
Pierpaolo Baiamonte, Claudia I. Grutta, Emilia Mazzuca, Alessandra Castrogiovanni, Mario Spatafora, Maria R. Bonsignore, Speaker to be confirmed

The effect of positive airway pressure therapy on neurocognitive functions, depression and anxiety in obesity hypoventilation syndrome
Fusun Yildiz, Serap Argun Baris, Dilek Tuncel, Cigdem Ozerdem, Huseyin Kutlu, Tugba Onylmaz, Ilknur Basyigit, Hasimi Boyaci, Speaker to be confirmed

Long term effects of compliance with positive airway pressure (PAP) therapy in patients with obesity hypoventilation syndrome (OHS)
Izolde Bouloukaki, Charalampos Mermigis, Charalampos Protopapadakis, Nikolaos Tzanakis, Stylianos Michelakis, Eleni Mauroudi, Violeta Moniaki, Dimitrios Georgopoulos, Sophia Schiza, Speaker to be confirmed

Does CPAP remote monitoring improves compliance and adherence?
Francois Clavaud, Victoria Cooper, Speaker to be confirmed

Telehealthcare interventions in the management of obstructive sleep apnoea hyponoeea syndrome (OSAHS) in continuous positive airway pressure (CPAP) users - A systematic review
Phyllis Murphie, Stuart Little, Hilary Pinnock, Brian McKinstry, Speaker to be confirmed

Home telemonitoring and adjustement of CPAP settings in patients with sleep apnea
Jose Maria Montserrat Canal, Valentina Isetta, Onintza Garmendia, Pasquale P. Pomipilio, Giovanni Tugnolo, Ramon Farre, Raffaele L. Dellaca, Speaker to be confirmed

Telemetrically triggered interventions in the first month of cpap treatment - A prospective, randomized controlled intervention trial in patients with a new diagnosis of obstructive sleep apnea syndrome
Otto Schoch, Gabriel Benz, Florent Baty, Jolanda Niedermann, Martin Brutsche, Speaker to be confirmed

08:30 - 10:30
Poster Discussion: Exploring mechanisms in health and disease
Chairs:

Heart rhythm disorders in patients with chronic obstructive pulmonary disease
Sergiu Matcovschi, Valentin Calancea, Tatiana Dumitrás, Nicolae Bodrug, Doina Barba, Marina Podoroghin, Speaker to be confirmed

Blood eosinophil count as a predictor of obstructive airway disease (OAD) in a high parasite burden setting
V. Pratibh Prasad, Jai Mullerpattan, Radhika Banka, Avinash Gandhare, Lancelot Pinto, Speaker to be confirmed

The pulmonary artery-aorta ratio, exacerbation rate and quality of life in stable COPD patients
Hassan Ghobadi-Marallu, Hamid Janbazi, Shahrzad M. Lari, Speaker to be confirmed

A neo-epitope of collagen type VII (C7) is elevated in serum of patients with COPD and SSC
Jannie Marie Bülow Sand, Patricia Lamy, Morten Asser Karsdal, Diana Julie Leeming, Speaker to be confirmed

Does higher DECAF score increase length of hospital stay in acute exacerbation of COPD?
Rajesh Kumar Yadavilli, Nirav Shah, Chris Craig, Lucy Collier, Speaker to be confirmed

Phenotypic predictors of chronic obstructive pulmonary disease exacerbations in the BIOAIR study
Karin Strandberg, Christer Janson, Barbro Dahlén, Maciek Kupczyk, Sven-Erik Dahlén, On Behalf of the BIOAIR Consortium, Speaker to be confirmed
Regional lung function determined by electrical impedance tomography in lung-healthy adults
Barbara Vogt, Kathinka Ehlers, Victoria Hennig, Norbert Weiler, Inez Frerichs, Speaker to be confirmed

Multiple breath washout (MBW) using sulfur hexafluoride - Proof of concept in COPD
Frederik Trinkmann, Daniel Saur, Katharina Roth, Martin Borggreve, Jens J. Kaden, Julia D. Michels, Joachim Saur, Speaker to be confirmed

Does positive bronchodilator reversibility testing predict positive bronchoprovocative methacholine challenge testing in suspected asthma patients
Natala Karamarkovic Lazaruic, Bojana Butorac Petanjek, Anita Ljubicic, Melita Jeric, Speaker to be confirmed

Gender difference in asthma; symptoms, risk factors, comorbidities and emergency visits
Bilun Gemicioglu, Benan Muselli, Onur Merzifonlu, Ipek Calik, Ayse Firuze Ozgokce, Speaker to be confirmed

Comorbid coronary artery disease is related to worse outcomes in patients hospitalised for COPD exacerbation
Andriana Papaioannou, Konstantinos Bartziokas, Stelios Loukides, Stamatoula Tsikrika, Foteini Karakontaki, Aikaterini Haniotou, Spyros Papiris, Konstantinos Kostikas, Speaker to be confirmed

Midrange-proadrenomedullin in stable state predicts severe exacerbation of COPD
Emanuel Citgez, Job van der Palen, Paul van der Valk, Marjolein Brusse-Keizer, Speaker to be confirmed

Different chronic obstructive pulmonary disease phenotypes, systemic inflammation and the risk of falls
Emanuela Tudorache, Cristian Oancea, Alexandru Crisan, Camelia Pescaru, Ovidiu Fira-Mladesescu, Voicu Tudorache, Speaker to be confirmed

Static hyperinflation and respiratory disability were associated with frequent-exacerbation phenotype in patients with severe COPD
Alberto Capozzolo, Pierluigi Carratu, Giorgio Castellana, Giuseppina D’Alba, Ruben Infantino, Michele Maiellari, Lorenzo Marra, Maria Rosaria Vulpi, Vito Liotino, Onofrio Resta, Speaker to be confirmed

Uncovering the reality of life with severe asthma
Juliet Foster, Vanessa McDonald, Michael Guo, Helen Reddel, Speaker to be confirmed

Performance characteristics of an ECL immunoassay for the quantitation of serum periostin
Stefan Palme, Robert H. Christenson, Saeed A. Jortani, Richard E. Ostlund, Ruediger Kolm, Guido Kopal, Ruediger P. Laubender, Speaker to be confirmed

LSC Abstract - Macrophage phenotype changes within the small airway wall in smokers and chronic obstructive pulmonary disease
Kielan McAlinden, Speaker to be confirmed

Day-to-day variability of inspiratory resistance: A sensitive and specific marker of asthma
Alessandro Gobbi, Carlo Gulotta, Bela Suki, Enrico Mellano, Michele Vitacca, Fausto Colombo, Riccardo Pellegrino, Vito Brusasco, Raffaele Dellaca, Speaker to be confirmed

08:30 - 10:30
Poster Discussion: Paediatric asthma: recurrent, persistent or severe obstruction and lung function techniques

Inpatient treatment at sea level and high altitude in problematic severe childhood asthma
Victorine Roos, M. Legemaat, W.A.F. Balemans, K.M. de Winter-de Groot, M.A.J.M. Trijbeels-Smeulders, Speaker to be confirmed

Predictive factors for the development of fixed airway obstruction in asthmatic children and adolescents
Andrey Sousa, Anna Cabral, Milton Martins, Celso Carvalho, Speaker to be confirmed

Improvements in asthma control following a period of electronic monitoring are sustained
Angela Jamalzadeh, Anja Jochmann, Luca Artusio, Sejal Saglani, Urs Frey, Andrew Bush, Louise Fleming, Speaker to be confirmed

Patterns of nonadherence in children with severe asthma
Christina Pearce, Anja Jochmann, Andrew Bush, Robert Horne, Louise Fleming, Speaker to be confirmed

Airflow limitation and airway inflammation of asthmatic adolescents in remission
Eiji Morita, Kenichi Tokuyama, Takeshi Koga, Shunichi Ogawa, Atsushi Itano, Yutaka Ueda, Speaker to be confirmed
Safeguarding concerns are common in children with problematic severe asthma
Pippa Hall, Dave Winch, Angela Jamalzadeh, Michelle Nightingale, Fran Beresford, Sejal Saglani, Andrew Bush, Louise Fleming, Speaker to be confirmed

Is it possible to identify phenotypes of problematic severe asthma in children using fluctuation based clustering?
Anja Jochmann, Luca Artusio, Angela Jamalzadeh, Hoda Sharifian, Andrew Bush, Urs Frey, Edgar Delgado-Eckert, Louise Fleming, Speaker to be confirmed

A deficient immune response to viral infections predicts asthma persistence in children
Simonetta Baraldo, Marco Contoli, Matteo Bonato, Deborah Snijders, Erica Bazzan, Graziella Turato, Chiara Rigobello, Brunilda Marku, Mariaenrica Tiné, Kim Lokar Oliani, Manuel Cosio, Angelo Barbato, Alberto Papi, Marina Saetta, Speaker to be confirmed

Colonisation with filamentous fungi and acute asthma exacerbations in children
Kathryn Welsh, Catherine H. Pashley, Jack Satchwell, Andrew J. Wardlaw, Erol A. Gaillard, Speaker to be confirmed

Wet cough in paediatric severe therapy resistant asthma (STRA)
Prasad Nagakumar, Habib Ali, Priti Kenia, Satish Rao, Speaker to be confirmed

The effect of bronchodilation and spirometry on exhaled nitric oxide
Theodoros Karampitsakos, Adonis Protopapas, Maria Gianoloudi, Athanasios Chatzimichail, Emmanouil Paraskakis, Speaker to be confirmed

Data processing for steady-state models of multiple flow exhaled nitric oxide
Sandrah Eckel, Edward Rappaport, Noa Molschatzki, Patrick Muchmore, Philip Silkoff, Rima Habre, William Linn, Kiros Berhane, Yue Zhang, Frank Gilliland, Speaker to be confirmed

Usefulness of exhaled nitric oxide in newborns to predict asthma at school age
Jakob Usemann, Oliver Fuchs, Pinelopi Anagnostopoulou, Insa Korten, Olga Gorlanova, Martin Rössl, Philipp Latzin, Urs Frey, Speaker to be confirmed

Real-time analysis of exhaled volatile organic compounds (eVOC) in wheezy preschool children
Misty Makinde, Karl A. Holden, Sarina Hussain, Timothy Coats, Erol Gaillard, Speaker to be confirmed

Use of allergen sensitization and cotinine tests to predict high risk asthma in urban children
Arlene Butz, Cassia Land, Joan Kub, Mona Tsoukleris, Mary Elizabeth Bollinger, Speaker to be confirmed

Early bronchial basement membrane thickening does not predict lung function impairment in preschool age
Katarina Berankova, Lenka Honkova, Jiri Uhlik, Petr Pohnnek, Speaker to be confirmed

Medication delivery testing of valved holding chambers (VHCs) with facemask for infant use by means of a model infant face
Jason Suggett, Mark Nagel, Val Avvakoumova, Jolyon Mitchell, Speaker to be confirmed

Effect of interval between actuations of albuterol HFA inhalers on their aerosol characteristics
Ariel Berlinski, David Pennington, Speaker to be confirmed

08:30 - 10:30

Poster Discussion: Malignant pleural disease: diagnosis and management
Chairs:
Clinical specialist nurse led ambulatory indwelling pleural catheter service: A 2 year review
Farinaz Noorzad, Deepan Sivakumar, Liju Ahmed, Speaker to be confirmed

Association of biochemical determinants and fibrinous formation in malignant pleural effusion
Amornpun Wongkarnjana, Noppachan Uaprasert, Kamon Kawkittinarong, Speaker to be confirmed

Utility of sending pleural fluid for cytology at the time of thoracoscopy and pleural biopsy
Shahul Leyakathali Khan, Mohammed Haris, Mohammed Munavvar, Speaker to be confirmed

Lent score validation on patients with malignant pleural effusion
Ioannis Psallidas, Nikolaos Kannelakis, Ahmed Youssf, John Corcoran, Rob Hallifax, John Wrightson, Rachel Mercer, Ambika Talwar, Najib Rahman, Speaker to be confirmed

Etiology of pleural effusions in a general hospital
Julia Tarrega Camarasa, Marc Moreno Arriño, Judith Padros Pedraza, Enric Barbeta Sanchez, Speaker to be confirmed
Pleural ultrasonic elastography in the diagnosis of malignant pleural effusion
Gang Hou, Bin Jiang, Qing Tian, Tong Zhang, Yan Yin, Wang-shu Song, Jian Kang, Speaker to be confirmed

Incidence and characteristics of pleural effusions in patients with chronic lymphocytic leukemia- A 16 year experience
Bibek Pannu, Vivek Iyer, Kari Chaffee, Sara Achenbach, Call Timothy, Tait Shanafelt, Speaker to be confirmed

Prognostic factors associated to survival in patients with malignant pleural effusion (MPE) undergoing talc poudrage pleurodesis (TPP)
Rocio Magdalena Diaz Campos, Maria Victoria Villena Garrido, Enrique Cases Viedma, Jose Manuel Porcel Perez, Inmaculada Alfageme Michavila, Carmen Aleman, Francisco Rodriguez Panadero, Speaker to be confirmed

Talc pleurodesis: It’s not for everyone
Carmen Tan, Mark Tien, Chuen Peng Lee, Speaker to be confirmed

Pleurodesis success rate for malignant pleural effusions - talc slurry vs. poudrage
Khalis Boksh, Charlotte Swales, Jonathan Bennett, Pranab Haldar, Muhammad Tufail, Rakesh Panchal, Speaker to be confirmed

Outcome of patients with non specific pleuritis after medical thoracoscopy
Ilias Porfyridis, Philip Emmanouil, Rodoula Triggidou, Frangiskos Frangopoulos, Maria Maimari, Panayiota Kara, Andreas Georgiou, Grigoris Stratakos, Speaker to be confirmed

Role of thoracoscopic pleural lavage and brush in undiagnosed exudative pleural effusion
Ahmed Khames, Mohamed Zamzam, Samy Eldahdouh, Hula Elraby, Hana Eid, Speaker to be confirmed

Ultrasound guided pleural brushing: A new method for obtaining pleural specimen in malignant effusion
Gamal Agmy, Yousef Ahmed, Alaa Hassan, Gamal Agmy, Speaker to be confirmed

Differences according to age and sex among patients with malignant pleural effusion as a presentation form of cancer
Maria Teresa Perez Warnisher, Rosario Melchor, Maite Río, Beatriz Morales, Eva de Santiago, Ismael Ali, Marisi Verdugo, Mercedes Izquierdo, Raquel Pérez, Ignacio Granda, Barbara Steen, Yolanda Martínez, Victoria Villena, Nuria Abaad, Speaker to be confirmed

Malignant pleural effusion as the initial manifestation of gynecological malignancies
Maria Teresa Perez Warnisher, Beatriz Morales, Rosario Melchor, Victoria Villena, Ignacio de Granda, Barbara Steen, Mercedes Izquierdo, Yolanda Martinez, Raquel Pérez, Maite Río, Eva de Santiago, Marisi Verdugo, Ismael Ali, Nuria Abad, Speaker to be confirmed

The role of endobronchial ultrasound guided fine needle aspiration in the diagnosis and staging of pleural mesothelioma
Fusun Alatas, Emine Dundar, Muzaffer Metintas, Huseyin Yildirim, Guntulu Ak, Speaker to be confirmed

08:30 - 10:30
Oral Presentation: Novel insights into the treatment of COPD

Central role of AC6 in 2 agonist induced relaxation of human airway smooth muscle
Eric Dubuis, Catherine Wrench, Bilel Dekkak, Fisnik Shala, Yasin Shaipta, Jeremy Ward, Julia Gorelik, Maria Belvisi, Mark Birrell, Speaker to be confirmed

In vitro pharmacological characterization of a novel p38 (MAPK14) inhibitor designed for inhaled delivery
Nadia Moretto, Carmelida Capaldi, Elisabetta Armani, Mary Fitzgerald, Henry Finch, Craig Fox, Riccardo Patacchini, Maurizio Civelli, Gino Villetti, Fabrizio Facchinetti, Speaker to be confirmed

Inhibition of NOX2 oxidase activity ameliorates cigarette smoke-induced lung inflammation and wasting in mice
Ivan Bernardo, Samantha Passey, Huei Jiunn Seow, Michelle Hansen, Steven Bozinovski, Ross Vlahos, Speaker to be confirmed

A randomised double-blind placebo-controlled trial of the effect of inhaled heparin on lung function, hyperinflation and exercise capacity in patients with COPD
Janis Shute, Luigino Calzetta, Vittorio Cardaci, Stefania Di Toro, Clive Page, Mario Cazzola, Speaker to be confirmed
09:30  Pulse wave velocity (PWV) in patients (pts) with moderate COPD and cardiovascular risk: The effect of an inhaled long-acting β2-agonist/corticosteroid (SUMMIT)
Courtney Crim, Robert Brook, Julie Anderson, Sally Kilbride, Peter Calverley, Bartolome Celli, Fernando Martinez, Jørgen Vestbo, Julie Yates, David Newby, Speaker to be confirmed

09:45  Effects of a single inhaled budesonide/formoterol dose on glucocorticoid receptor activity in sputum of COPD patients
Amir Hakim, Younis Khan, Ignacio Esteban, Anna Miller-Larsson, Peter Barnes, Omar Usmani, Speaker to be confirmed

10:00  Indacaterol/glycopyrronium (IND/GLY) is more effective than salmeterol/fluticasone (SFC) in reducing exacerbations, regardless of outcome measurement utilised: Results from the FLAME study
Dorothy Keininger, Jadwiga A. Wedzicha, Jørgen Vestbo, Tim Ayers, Angel Fowler Taylor, Chau Thach, Michael Labig, Elaine Askin, Robert Fogel, Francesco Patalano, Donald Banerji, Speaker to be confirmed

08:30 - 10:30  Oral Presentation: Predictors of asthma among children and adults
Chairs:

08:30  Tetanus vaccination reduces the risk of asthma in adolescence by differential DNA-methylation
Vimala Devi Janjanam, Nandini Mukherjee, Hongmei Zhang, John W. Holloway, Hasan Arshad, Faisal I. Rezwanz, Wilfried Karmaus, Speaker to be confirmed

08:45  Association of living in a farming environment with asthma incidence in Canadian children
Marc Parsons, Jeremy Beach, Ambikiaipakam Senthilselvan, Speaker to be confirmed

09:00  Adverse pregnancy outcomes and familial confounding in asthmatic women - A population based family design study
Gustaf Rejnö, Cecilia Lundholm, Kjell Larsson, Henrik Larsson, Paul Lichtenstein, Brian M. D’Onofrio, Sissel Saltvedt, Catarina Almqvist, Speaker to be confirmed

09:15  Dampness and mould on respiratory health - A longitudinal approach. Results from the MeDALL study
Christina Tischer, Carla Tiesler, Marie Standl, Ulrike Gehring, Alet Wijga, Erik Melen, Jesse Thacher, Maties Torrent, Jordi Sunyer, Thomas Keil, Isabella Amnesi-Maesano, Josep M. Anto, Joachim Heinrich, Speaker to be confirmed

09:30  Atopy as a predictor of allergic respiratory diseases in an Italian general population sample
Sandra Baldacci, Sara Maio, Anna Angino, Sonia Cerrai, Giuseppe Sarno, Franca Martini, Francesco Di Pede, Francesco Pistelli, Laura Carrozzi, Giovanni Viegi, Speaker to be confirmed

09:45  Age at allergic sensitization is strongly related to asthma and rhinitis in young adulthood
Joakim Bunne, Linnea Hedman, Martin Andersson, Helena Backman, Bo Lundback, Eva Rönnmark, Speaker to be confirmed

10:00  Influence of gene-by-early environmental tobacco smoke exposure interactions on time-to-asthma onset
Chloé Sarowski, Marie-Hélène Dizer, Raquel Granell, Debbie Jarvis, Markus J. Egge, Catherine Laprise, Pierre-Emmanuel Sugier, Patricia Margaritte-Jeannin, William Cookson, Miriam Moffatt, Mark Lathrop, Isabelle Pin, Erika Von Mutius, Valérie Ciroux, John Henderson, Manolis Kogevinas, Florence Demenais, Emmanuelle Bouzigon, Speaker to be confirmed

08:30 - 10:30  Oral Presentation: Early determinants of childhood asthma and allergy
Chairs:

08:30  17q21 variants are strongly associated with persistence of symptoms in young children with wheeze
Raquel Granell, Jonathan Sterne, John Henderson, Speaker to be confirmed

08:45  Childhood asthma in relation to maternal and paternal preconceptional nicotine exposures
Lennart Braback, Caroline Lodge, Adrian Lowe, Shyamali Dharmage, David Olsson, Bertil Forsberg, Speaker to be confirmed

09:00  Fetal origins of persistent childhood asthma
Stephen Turner, Shona Fielding, Graham Devereux, Speaker to be confirmed

09:15  Maternal sugar intake during pregnancy and respiratory and atopic outcomes in childhood
Annabelle Béard, Kate Northstone, John Henderson, Seif Shaheen, Speaker to be confirmed

09:30  Maternal but not paternal BMI is associated with childhood wheeze and infant respiratory infections
Katy Pike, Ashley Rajappan, Hazel Inskip, Keith Godfrey, Jane Lucas, Speaker to be confirmed
Can risk factors for COPD be traced back to infancy? The Perth infant asthma follow up study
Louisa Owens, Ingrid A. Laing, Guicheng Zhang, Stephen Turner, Des Cox, David Mullane, Peter N. Le Souef, Speaker to be confirmed

A child's spit epigenome can reveal its respiratory allergy risk
Sabine Langie, Matthieu Moisse, Katarzyna Szarc vel Szic, Ellen Van Der Plas, Gudrun Koppen, Guy Van Camp, Diether Lambrechts, Greet Schoeters, Wim Vanden Berghe, Patrick De Boever, Speaker to be confirmed

08:30 - 10:30
Oral Presentation: Lung allograft dysfunction: insight into inflammatory/immune mechanisms

The influence of extracorporeal photopheresis on NF B signaling and cytokine expression in lung transplant patients
08:30
Linda Langehegermann, Ilona Spyra, Vasiliki Besa, Björn E. Kleibrink, Gerhard Weinreich, Helmut Teschler, Uwe Hillen, Bastian Schilling, Cindy Franklin, Sabine Meyer, Esra Alabas, Markus Kamber, Peter A. Horn, Vera Rebmann, Urte Sommerwerck, Speaker to be confirmed

Inflammatory response following DCD and DBD lung transplantation
08:45
Rosalba Romano, Louit Thakuria, Shirin Sheikhani, Fabio De Robertis, Aron-Frederik Popov, Mohamed Amrani, Toufan Bahrami, Paras Dalal, Simona Soresi, Martin Carby, Anna Reed, Andre Simon, Nandor Marczin, Harefield POPSTAR Group, Speaker to be confirmed

Intra tracheal instillation of BMSC-cm attenuate acute rejection in rat lung allotransplantation
09:00
Jaroslaw Pierog, Luca Tamo, Gregor Kocher, Richard Fakin, Mathias Gugger, Tomasz Grodzki, Thomas Geiser, Amiq Gazdhar, Ralph Alexander Schmid, Speaker to be confirmed

Epithelial-mesenchymal transition in chronic lung allograft dysfunction. Role of leucocyte microparticles
09:15
Benjamin Renaud-Picard, Justine Toussaint, Fatiha El Ghazouani, Florence Toti, Laurence Kessler, Romain Kessler, Speaker to be confirmed

Effects of infections on lipidomic profile of bronchial washing (BW) and bronchoalveolar lavage (BAL) after lung transplantation
09:30
Domenica Federica Briganti, Beatrice Aramini, Carla Kim, Robin Chan, Bowen Zhou, Somwmya Sreekanth, Kashif Raza, Hilary Robbins, Lori Shah, Selim Arcasoy, Joshua Sonett, Federica Meloni, Gilbert Di Paolo, Frank D’Ovidio, Speaker to be confirmed

A post-hoc analysis of donor lungs declined for transplantation
09:45
Stijn Verleden, An Martens, Tobias Heigl, Hannelore Bellon, Elly Vandermeulen, Robin Vos, Johny Verschakelen, Walter Courtjeur, Dirk Van Raemdonck, Arne Neyrinck, Bart Vanaudenaerde, Speaker to be confirmed

Long-term kinetics of CD19+CD24<sup>high</sup>CD38<sup>high</sup>Breg cells in lung transplant recipients
10:00
Davide Piloni, Monica Morosini, Sara Magni, Alice Balderacchi, Emanuela Cova, Simona Inghilleri, Andrea Maria D’Armini, Luigia Scudeller, Filippo Antonacci, Tiberio Oggionni, Federica Meloni, Speaker to be confirmed

08:30 - 10:30
Oral Presentation: Community acquired pneumonia: update on prognostic factors and therapeutic strategies

Do school holidays affect adult pneumococcal community acquired pneumonia incidence?
08:30
Priya Daniel, Chamira Rodrigo, Thomas Bewick, Sonia Greenwood, Tricia McKeever, Carmen Sheppard, Mary Slack, Wei Shen Lim, Speaker to be confirmed

Cardiac troponin T in predicting mortality after hospitalisation for community-acquired pneumonia
08:45
Stefan Vestjens, Simone Spoorenberg, Ger Rijkers, Jan Grutters, Jurrien Ten Berg, Ewoudt van de Garde, Willem Jan Bos, Speaker to be confirmed

Biomarkers and cardiovascular events in community-acquired pneumonia
09:00
Raúl Méndez, Irene Aldás, Isabel Amara-Elori, Alexandra Gimeno, Tomás Posadas, Soledad Reyes, Marta Sucescun, Ricardo Alonso, Rosario Menéndez, Speaker to be confirmed
Survival benefit of beta-lactam plus macrolide combined therapy versus beta-lactam plus quinolones in hospitalized community-acquired pneumonia
Francisco Sanz Herrero, Estrella Fernández-Fabrellas, Eusebi Chiner, María Luisa Briones, Rubén Lera, María Carmen Aguar, Ángela Cervera, José Blanquer, Speaker to be confirmed

Benefits of co-administration of macrolides and glucocorticosteroids in the treatment of severe community acquired pneumonia
Adrian Ceccato, Miquel Ferrer, Albert Gabarrus, Oriol Sibilla, Eva Polverino, Catia Cilloniz, Carlos Agusti, Francisca Lopez, Michael Niederman, Antoni Torres, Speaker to be confirmed

Prior use of both a statin and ARB is associated with lower mortality for patients hospitalized with pneumonia
Eric Mortensen, Antonio Anzueto, Speaker to be confirmed

Non-steroidal anti-inflammatory drugs may worsen the course of community-acquired pneumonia: A cohort study
Damien Basille, Charlotte Trouve, Nathalie Plouvier, Claire Andrejak, Vincent Jounieaux, Speaker to be confirmed

Oral Presentation: Therapeutic trials in lung cancer

Co-expression of S100A14 and S100A16 is a predictive marker for platinum-based adjuvant chemotherapy in resected lung adenocarcinomas
Ken Katono, Yuichi Sato, Shinichiro Ryuge, Ryo Nagashio, Masanori Yokoba, Masato Katagiri, Kazu Shiomii, Yukitoshi Tatoh, Noriyuki Masuda, Speaker to be confirmed

24h-blood profile gene expression biomarkers of the response to bevacizumab-erlotinib (BE) in advanced non-squamous non-small cell lung cancer (NSCLC)
Florent Baty, Martin Früh, Markus Jörg, Martin Brutsche, Speaker to be confirmed

Gefitinib versus erlotinib as first-line treatment in EGFR mutant advanced lung adenocarcinoma
Chai Chee Shee, Liam Chong Kin, Fang Yong Kek, Kow Keng Siong, Poh Mau Ern, Wong Chee Kuan, Tan Jiunn Lia, Speaker to be confirmed

Afatinib (A) vs gefitinib (G) as first-line treatment (tx) for patients (pts) with EGFR mutation-positive (EGFRm+) NSCLC: LUX-Lung 7
Vera Hirsh, Keunchil Park, Eng-Huat Tan, Li Zhang, Kenneth O’Byrne, Michael Boyer, James Chih-Hsin Yang, Tony Mok, Jean Fan, Dan Massey, Luis Paz-Ares, Speaker to be confirmed

A case series of eight patients treated with alectinib including a case of interstitial lung disease
Yoshihiko Sakata, Kodai Kawamura, Yuko Yasuda, Naoki Shingu, Keisuke Anan, Kazuya Ichikado, Speaker to be confirmed

A phase II trial of lipoplatin and gemcitabine in patients with NSCLC previously treated with platinum-based chemotherapy
Konstantinos Kaltasas, Stavros Anevlasis, Athanasia Patakia, Georgios Kouliatis, Sofia Pozova, Demosthenes Bourou, Marios Froudarakis, Speaker to be confirmed

A phase III randomised trial testing chemotherapy in extensive small-cell lung cancer (SCLC)
Jean-Paul Sculier, Jean-Jacques Lafitte, Anne-Pascale Meert, Vicente Giner, Jacques Lecomte, Arnaud Scherpereel, Marianne Paesmans, Nathalie Leclercq, Thierry Berghmans, Speaker to be confirmed

Symposium: Hypoxia, the carotid body, and the brain
Aims: The carotid body is a small organ of great physiological importance because it is the main sensor of hypoxia in the body. New data suggest that the carotid body plays a complex role in the modulation of sympathetic activity in response not only to hypoxia but also to metabolic stimuli. This session will discuss the clinical implications of the most recent research, with special emphasis on the role of the carotid body in patients with sleep-disordered breathing. This session will also expand our understanding of the consequences of impaired blood gases in the brain in patients with respiratory diseases. The audience will leave the session with a better understanding of the mechanisms that underlie the functional handicaps of respiratory patients, and the new opportunities in treatment and patient management.

Track(s): Physiology
Tag(s): Basic science
Chairs: Susan Ward (Crickhowell, United Kingdom), Graham Hall (West Perth, Australia)

The carotid body and hypoxia-induced sympathetic stimulation
Nanduri R Prabhakar (Chicago, United States of America)
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<tr>
<th>Time</th>
<th>Session</th>
<th>Details</th>
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<tbody>
<tr>
<td>11:15</td>
<td>Effect of insulin on the carotid body: how dysmetabolic states affect sympathetic stimulation</td>
<td>Silvia Conde (Lisbon, Portugal)</td>
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<td>11:45</td>
<td>Hypoxic brain</td>
<td>Samuel Verges (Grenoble, France)</td>
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<td>12:15</td>
<td>Effect of interventions on cerebral oxygenation in patients with COPD</td>
<td>J. Alberto Neder (Kingston, Canada)</td>
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<td>10:45 - 12:45</td>
<td>Symposium: Oligometastasis: postmodern multimodality concepts</td>
<td>Aims: To show how the highly individualised approaches to oligometastic situations will change as drug or targeted treatment modalities advance. Tag(s): Oncology Chairs: Erik Jakobsen (Odense C, Denmark), Rafael Rosell (Barcelona, Spain) 10:45</td>
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<td>10:45 - 12:45</td>
<td>Symposium: The management of acute exacerbations of COPD</td>
<td>Aims: This session will provide an update on the useful non-pharmacological and pharmacological strategies for preventing acute exacerbations of COPD (AECOPD); describe the complex consequences of AEs; detail how current interventions can be adapted to meet the needs of patients following an AECOPD; and discuss the application of distance interventions and the role of modern technology in post-AE care. Tag(s): Clinical Chairs: Matthew Maddocks (London, United Kingdom), Linda Nici (Providence, United States of America) 10:45</td>
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<td>10:45 - 12:45</td>
<td>Symposium: Endotyping: the means to personalised medicine in lung disease</td>
<td>Aims: The aims of the session are to present the concept of endotyping in lung disease, describe how combinations of clinical and ‘omic data and detailed bioinformatics analyses of biomarkers can be used to endotype lung diseases. Tag(s): Translational Chairs: Kian Fan Chung (London, United Kingdom), Mina Gaga (Athens, Greece) 10:45</td>
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<td>Time</td>
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<td>11:45</td>
<td>The omics approach to defining endotypes and personalising treatment pathways in asthma</td>
<td>Sally Wenzel (Pittsburgh, United States of America)</td>
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<tr>
<td>12:15</td>
<td>The future of personalised medicine in COPD</td>
<td>Alvar Agusti Garcia-Navarro (Barcelona, Spain)</td>
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| 10:45 - 12:45 | Symposium: Childhood wheeze: are we making any progress? | Aims: The aim of this session is to discuss the progress in the management of preschool wheezing; describe the importance of the basics right for childhood asthma management; detail the modern approaches to phenotyping; and discuss future strategies for modifying the disease. Track(s): Pediatric Tag(s): Translational Target audience: All paediatric pulmonologists and allied health professionals managing children with asthma Chairs: Gunilla Hedlin (Stockholm, Sweden), Sejal Saglani (London, United Kingdom)  
10:45 | Eosinophils are out of fashion: the only way forward is to target the neutrophils | Avraham Beigelman (Washington, United States of America) |
| 11:15 | Asthma diagnosis and monitoring: do we have anything useful in addition to history and examination? | Karin C. Lodrup Carlsen (Oslo, Norway)                  |
| 11:45 | Translational approaches to decipher mechanisms: does innate immunity affect disease onset or persistence? | Bianca Schaub (Germering, Germany)                     |
| 12:15 | Future directions: preventing and treating asthma                              | Jonathan Grigg (London, United Kingdom)                |
| 10:45 - 12:45 | Symposium: Microbiome in health and in disease | Aims: The aim of this session is to give participants insight in the latest developments related to environmental and respiratory microbiome research, in particular focused on the respiratory microbiome. Track(s): Epidemiology / Environment, Infection Tag(s): Basic science Chairs: Ruby Pawankar (Tokyo, Japan), Oliver Eickelberg (Munich, Germany), Chair to be confirmed  
10:45 | Effect of the microbiome on early life                                       | Erika von Mutius (Munich, Germany), Speaker to be confirmed |
| 11:15 | Microbiome and early origins of lung disease                                 | Debby Bogaert (Utrecht, Netherlands), Speaker to be confirmed |
| 11:45 | The microbiome and the development of allergic lung disease                  | Speaker to be confirmed                                 |
| 12:15 | Gut microbiome in COPD                                                       | Philip Hansbro (Callaghan, Australia)                   |
| 10:45 - 12:45 | Hot topics: The future is now: the aging challenge in respiratory medicine | Aims: The aims of this session are to discuss the most recent epidemiological data on ageing and multimorbidity and its effects on chronic lung disease; present the hallmarks of ageing on the organ and cellular level; and highlight ageing as a risk factor for chronic lung disease and identify potential consequences for therapy. Tag(s): Translational Target audience: clinicians, clinicians scientists, scientist, nurses, general practitioners Chairs: Leonardo Michele Fabbri (Modena, Italy), Melanie Koenigshoff (Munich, Germany)  
10:45 | The aging population                                                         | Annette Peters (Munich, Germany)                        |
<p>| 11:15 | Cellular drivers of aging                                                    | Speaker to be confirmed                                 |</p>
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<tr>
<td>11:45</td>
<td><strong>Aging in lung disease</strong>&lt;br&gt;William MacNee (Edinburgh, Scotland, United Kingdom)</td>
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<td>12:15</td>
<td><strong>Therapeutic approaches to lung aging</strong>&lt;br&gt;Speaker to be confirmed</td>
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<td><strong>10:45 - 12:45</strong></td>
<td><strong>Year in review: Pulmonary endoscopy 2016</strong>&lt;br&gt;<strong>to freeze, heat, block or dig</strong>&lt;br&gt;Aims: Major advancements in pulmonary endoscopy have been made recently that resulted in high impact publications in 2015. In this session we aim to share these novel advancements with the pulmonary community at large important diagnostic and therapeutic endoscopic advancements in the field of emphysema, asthma, interstitial lung disease as well as lung cancer will be discussed.</td>
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<td><strong>Tag(s):</strong> Clinical</td>
<td><strong>Chairs:</strong> Jouke T. Annema (Amsterdam, Netherlands), Pallav L. Shah (London, United Kingdom)</td>
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<td>10:45</td>
<td><strong>When to freeze?</strong>&lt;br&gt;Venerino Poletti (Forlì, Italy)</td>
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<td>11:15</td>
<td><strong>When to heat?</strong>&lt;br&gt;Speaker to be confirmed</td>
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<td>11:45</td>
<td><strong>When to block?</strong>&lt;br&gt;Dirk-Jan Slebos (Groningen, Netherlands)</td>
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<td>12:15</td>
<td><strong>When to dig?</strong>&lt;br&gt;Maren Schuhmann (Heidelberg, Germany)</td>
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<td><strong>10:45 - 12:45</strong></td>
<td><strong>Poster Discussion: Epidemiological and clinical data for the modern management of chronic lung diseases</strong>&lt;br&gt;Chairs:</td>
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<td><strong>Incidence of sleep apnea among ischemic stroke patients</strong>&lt;br&gt;Jaana Huhtakangas, Tarja Saaresranta, Juha Huhtakangas, Speaker to be confirmed</td>
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<td><strong>Pulmonary thromboembolism (PE) in patients with interstitial lung diseases (ILD)</strong>&lt;br&gt;Olga P. Baranova, Lubov Novikova, Alexandra Speranskaya, Valentina Zolotnitskaya, Vitalij Perlej, Alexej Gichkin, Speaker to be confirmed</td>
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<td><strong>Erdheim-Chester disease: Patterns and pulmonary involvement</strong>&lt;br&gt;Felicia Teo, Annie Law, Michelle Poon, Ching Ching Ong, Cynthia Chee, Gin Tsen Chai, Speaker to be confirmed</td>
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<td><strong>Incidence of Arnold’s nerve reflex in patients with chronic cough</strong>&lt;br&gt;Peter Dicpinigaitis, Speaker to be confirmed</td>
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<td><strong>Cough clinical practice guidelines: A critical review of scientific evidence and recommendations</strong>&lt;br&gt;Mei Jiang, Weijiie Guan, Zhangfu Fang, KeDang Lai, NanShan Zhong, Speaker to be confirmed</td>
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<td><strong>Symptoms of autonomic dysfunction in chronic cough patients</strong>&lt;br&gt;Rachel Dockry, Carmen Gibbard, Joanne Mitchell, Douglas Corfield, Jaclyn Smith, Speaker to be confirmed</td>
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<td><strong>The role of intratracheal dilation - Injection technique in treatment of granulomatosis with polyangiitis (GPA) patients with subglottic stenosis</strong>&lt;br&gt;Justyna Fijolek, Elzbieta Wiatr, Dariusz Gawryluk, Magdalena Maria Martusewicz-Bosos, Tadeusz Maria Orlowski, Dariusz Dziedzic, Malgorzata Polubiec-Kownacka, Karina Onisz, Renata Langfort, Kazimierz Roszkowski-Sliz, Speaker to be confirmed</td>
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<td><strong>Levodropropizine effect on respiratory centre output, a randomized clinical trial</strong>&lt;br&gt;Federico Saibene, Claudia Mannini, Federico Lavorini, Luigi Lanata, Giovanni Fontana, Speaker to be confirmed</td>
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<td><strong>Retrospective observational evaluation of the adult in-patient oxygen weaning process and causes for delay</strong>&lt;br&gt;Nan Ma, Ravi Goparaju Reddy, Liju Ahmed, Speaker to be confirmed</td>
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Real-time determination of slightly volatile amino acids in the exhalome by secondary electrospray ionization. A proof-of-principle study
Thomas Gaisl, Diego García-Gómez, Lukas Bregy, Alessio Cremonesi, Pablo Martinez-Lozano, Simon, Malcolm Kohler, Renato Zenobi, Speaker to be confirmed

Symptoms of exercise-induced bronchoconstriction in skiers and biathletes
Lidiya Nikitina, Svetlana Soodaeva, Fedor Petrovsky, Yulia Petrovskaia, Tatiana Shashkova, Maria Glukhova, Speaker to be confirmed

Relationship between the type of lipid intake and endothelial function in respiratory failure patients
Edna Contreras Ramírez, Dulecu Gonzalez-Islas, Arturo Orea-Tejeda, Juan Pineda-Júarez, Raúl Herrera-Saucedo, Marcela Elizondo-Montes, Brenda Santellano-Juarez, Rocío Sánchez-Santillán, Rafael Díaz-Martínez, Carlos Céspedes-Martínez, Oscar Infante-Vázquez, Roberto Martínez-Memije, Jesús Hernández-Senteno, Carlos Espinoza de los Monteros, Speaker to be confirmed

Changes in muscle quality and mass in intensive care unit ventilated patients
Chiharu Fujisawa, Akira Tamaki, Hideki Ikushima, Hirofumi Matsuoka, Speaker to be confirmed

Diaphragmatic weakness contributes to prolonged mechanical ventilation in critical ill patients
Xiaoping Zhu, Feifei Wang, Channing Zhang, Lei Shao, Shaolin Ma, Speaker to be confirmed

A multicentre evaluation of inter-disciplinary team agreement for diagnosis in diffuse lung disease
Simon Walsh, Athol Wells, David Hansell, Speaker to be confirmed

A multicentre evaluation of inter-disciplinary team agreement for predicted disease behaviour and management strategy in diffuse lung disease
Simon Walsh, Athol Wells, David Hansell, Speaker to be confirmed

Respiratory long term outcomes of pectus excavatum in patients after Nuss surgery
Szymon Skoczynski, Tomasz Koszutski, Marta Bunarowska, Grzegorz Kudela, Grzegorz Brozek, Katarzyna Repetowska, Małgorzata Farnik, Janasz Bohosiewicz, Adam Barczyk, Speaker to be confirmed

Nasal nitric oxide (nNO) in paediatric primary ciliary dyskinesia (PCD) and in healthy children - On the lookout for optimal cut-off and reference range
Marcin Mikos, Irena Wojsyk-Banaszak, Magdalena Roszak, Anna Breborowicz, Speaker to be confirmed

10:45 - 12:45

Poster Discussion: New insights in pulmonary rehabilitation for chronic lung diseases

Efficacy of preoperative comprehensive pulmonary rehabilitation in patients with lung cancer
Dicle Yilmaz Kaymaz, Pinar Ergüven, Ipek Candemir, Selim Erkman Gülhan, Güktürk Findik, Nese Demir, Filiz Tasdemir, Nurcan Egesel, Fatma Sengül, Speaker to be confirmed

Post-Hospitalisation Pulmonary Rehabilitation (PHPR) in COPD patients: A retrospective cohort study
Rachel Tuffnell, Victoria Lord, Lynda Haggis, Tony de Boeck, Maria Koulopoulou, Irem Patel, Speaker to be confirmed

Outcomes of a pulmonary rehabilitation program in chronic obstructive pulmonary disease
Dario Nieri, Elisa Ageno, Laura Malagrinò, Francesco Costa, Sabrina Santerini, Sandra Antonelli, Claudia De Simone, Giovanna De Cusatis, Barbara Vagaggini, Pierluigi Paggiaro, Speaker to be confirmed

Are the gains of pulmonary rehabilitation in young and elderly patients same?
Ipek Ozmen, Elif Yildirim, Murat Özyurt, Özgür Yilmaz, Cuneyt Salturk, Rüya Aydin, Nur Uşgun, Nurşin 1 Yer, Speaker to be confirmed

Adapting local practices can increase compliance and hence outcome of pulmonary rehabilitation (PR) in resource limited settings
Mritunjaya Singh, Govind Narayan Srivastava, Manoj Meena, Shruti Singh, Speaker to be confirmed

Rehabilitation of patients with allotransplantation of hematopoietic stem cells
Daniel Veale, Frederic Herengt, Mauricette Michallet, Helène Labussière Wallet, Richard Brion, Speaker to be confirmed

Pulmonary rehabilitation (PR) capacity, uptake and completion rate in the East of England
Lianne Jongepier, Ruth Barlow, Speaker to be confirmed

Demographics of patients with COPD in relation to pulmonary rehabilitation using the health improvement network (THIN)
Ali Hakamy, Charlotte E. Bolton, Tricia M. McKeever, Speaker to be confirmed
Pulmonary rehabilitation programmes - Are we wasting capacity?
Lianne Jongepier, Ruth Barlow, Speaker to be confirmed

The effect of co-existent chronic heart failure (CHF) on lower limb muscle function in COPD: Propensity matched analysis
Veronica Delogu, Claire M. Nolan, Jane L. Canavan, Sarah E. Jones, Elizabeth J. Fletcher, Samantha S.C. Kon, Rachael A. Evans, Rebecca Lane, Jennifer K. Quint, Derek Bell, Martin R. Cowie, William D. Man, Speaker to be confirmed

The effect of physical rehabilitation (PR) on the severity of symptoms of OSAS in patients with chronic obstructive pulmonary disease (COPD) and obstructive sleep apnoea syndrome (OSA)
Olina Krakmalova, Yulia Kharchenko, Olena Izmailova, Speaker to be confirmed

The effect of physical rehabilitation (PR) on the severity of symptoms of OSAS in patients with chronic obstructive pulmonary disease (COPD) and obstructive sleep apnoea syndrome (OSA)
Olina Krakmalova, Yulia Kharchenko, Olena Izmailova, Speaker to be confirmed

Cardiometabolic risk profile in muscle wasted COPD patients with abdominal obesity and the effect of pulmonary rehabilitation
Rosanne Beijers, Coby van de Bool, Bram van den Borst, Frits Franssen, Emiel Wouters, Annemiek Schols, Speaker to be confirmed

Supervised exercise training improves exercise cardiovascular function in idiopathic pulmonary fibrosis
Baruch Vainselboim, Mordechai Kramer, Benjamin Fox, Jose Oliveira, Speaker to be confirmed

FEV1%pred and BMI are weak predictors for clinical outcome after pulmonary rehabilitation in COP
Janneke Dilling, Hester van der Vaart, Johan Wempe, Speaker to be confirmed

Home pulmonary rehabilitation program in COPD : Conditioning factors
Mariara Calderon Alcala, Beatriz Morales Chacon, Maria Esteban, Ina Guerrasimova, Juan Luis Rodriguez, Juan Ringuat, Elena Forcè, Alfonso Montero Pachos, Manuel Enrique Puentes Ferrer, Eva Escobar Garcia, Mercedes Bernabeu Lledo, Myriam Calle Rubio, Speaker to be confirmed

Performance during dual task and impact of a pulmonary rehabilitation in COP
Nelly Heraud, Corentin Davy, Emilie Tremey, Amandine Calvat, Nicolas Oliver, Pierre-Louis Bernard, Alain Varray, Speaker to be confirmed

Therapeutic activities during a pulmonary rehabilitation program in patients with chronic respiratory failure
Mónica Silveira Lapa, Juliana Nascimento Oliveira, Selma Deniz Squassoni, Nadine Cristina Machado, Luciene Costa Bortolassi, Cecilia Melo Rosa Tavares, Priscila Kessar Cordoni, Ahmad Abduny Rahal, Elie Fiss, Speaker to be confirmed

Diaphragmatic ultrasonography during spontaneous breathing trials in critically ill patients: Can it identify weaning failure?
Savino Spadaro, Francesca Dalla Corte, Gaetano Scaramuzzo, Elisabetta Marangoni, Carlo Alberto Volta, Speaker to be confirmed

Effect of non-patient-level factors on mortality in intensive care units
YoungRak Choi, Jin Young An, Sang-Yong Eom, Gyu Rak Chon, Jae Young Moon, Sun-Jung Kwon, Speaker to be confirmed

Is airway driving pressure a good predictor of lung stress during mechanical ventilation for ARDS?
Davide Chiarello, Matteo Brioni, Eleonora Carlesso, Andrea Colombo, Francesco Crimella, Massimo Cressoni, Speaker to be confirmed

Acute respiratory failure in progressive neurological diseases: What is important for intensive care unit and long-term survival?
Ülgen Yalaz Tekan, Emine Aksoy, Feyza Kargin, Rabia Sari, Cümeyn Saltık, Fulya Çiçek, Dilek Yavuz, Gökay Güngör, Nalan Adıgüzel, Zuhal Karakurt, Speaker to be confirmed

Speckle tracking echography allows sonographic assessment of diaphragmatic loading
Eline Oppersma, Nima Hatam, Jonne Doorduijn, Johannes van der Hoeven, Gernot Marx, Andreas Goetzenich, Leo Heunks, Christian Bruells, Speaker to be confirmed
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Speaker to be confirmed</th>
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<tbody>
<tr>
<td>Noninvasive detection of positive end-expiratory pressure in COPD patients recovering from acute respiratory failure</td>
<td>Lara Pisani, Emanuele Bernardi, Luca Fasano, Marco Ferrari, Nadia Corcione, Francesco Tosello, Elisa Pizzolato, Bruno Tartaglino, Stefano Nava</td>
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<td>High-frequency chest wall oscillation assessment by electrical impedance tomography in intubated patients</td>
<td>Federico Longhini, Marco Ambrogio Cattaneo, Jean Marie Marion, Ramona Lungu, Erica Dellara, Gianluca Gugliotta, Andrea Gusmano, Chiara Ronco, Paolo Navalesi</td>
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<td>Usefulness of electrical activity of diaphragm and ability to wean from ventilator</td>
<td>Napat Amornputtisathaporn, Jaipak Kaemapairoj, Prapaporn Pornsuriyasak, Theerasuk Kawamatawong, Viboorn Boonsangsu, Speaker to be confirmed</td>
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<td>Central venous oxygen saturation as predictor of a successful spontaneous breathing trial outcome in mechanically ventilated patients</td>
<td>Ioannis Georgakas, Afroditi Boutou, Georgia Pitsiou, Ioannis Kioumis, Milly Bitzani, Apostolos Sgouradis, Paraskevi Argyropoulou, Ioannis Stanopoulos</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>Disseminated intravascular coagulation profiles in patients with septic shock on ECMO</td>
<td>Sunghoon Park, Dong-Gyu Kim, Dae-Young Cheon, Hyoong Soo Kim, Sun Hee Lee</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>The negative effect of initial high-dose methylprednisolone and tapering regimen for acute respiratory distress syndrome: A retrospective propensity matched cohort study</td>
<td>Makoto Takaki, Kazuya Ichikado, Kodai Kawamura</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>Introducing the Homburg lung: Efficacy and safety of a minimal-invasive system for extracorporeal CO₂ removal</td>
<td>Frederik Seiler, Franziska Trudzinski, Annegret Kamp, Konstantinos Tsitouras, Oliver Linn, Carlos Metz, Philip Böhmner, Ralf Kaiser, Sebastian Finndrich, Heinrike Wilkens, Hendrik Haake, Robert Bals, Philipp Lepper</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>Electric impedance tomography to predict weaning and extubation failure</td>
<td>Federico Longhini, Cristina Andreoni, Jessica Maugeri, Marco Ambrogio Cattaneo, Jean Marie Marion, Chiara Ronco, Camilla Cavicchi, Sergio Pintaudi, Paolo Navalesi</td>
<td>Speaker to be confirmed</td>
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<td>Noninvasive positive pressure ventilation for the treatment of acute hypoxic respiratory failure with altered consciousness level</td>
<td>Mariko Kogo, Kazuma Nagata, Jiro Ito, Yuki Sato, Shunsuke Teraoka, Ryoji Kato, Ryoko Shimizu, Daichi Fujimoto, Atsushi Nakagawa, Kojiro Otsuka, Keisuke Tomii</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>Acquired coagulation disorders during extracorporeal carbon dioxide removal</td>
<td>Franziska Trudzinski, Frederik Seiler, Sebastian Finndrich, Franziska Kaestner, Monika Flaiig, Tom Wolf, Ralf M. Muellenbach, Robert Bals, Christian Lensch, Philipp M. Lepper</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>Non-invasive ventilation in the emergency department from 2004-2015</td>
<td>Marion Christine Carteciano, Irwani Ibrahim, Y.H. Chan, Malcolm Mahadevan, Tow Keang Lim</td>
<td>Speaker to be confirmed</td>
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<td>Aggressive treatment of simple pleural effusion in ventilated patients: Pigtail catheters versus thoracostomy</td>
<td>Alexander Samokhvalov, Edward Altman, Amos Szabo, Tatiana Haj, Olga Rutsky, Nicola Makhoul</td>
<td>Speaker to be confirmed</td>
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<td>Physiological value of expiratory pause in one-lung high frequency jet ventilation</td>
<td>Igor Medvinsky, Sergey Skornyakov, Dmitriy Eremeev</td>
<td>Speaker to be confirmed</td>
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### 10:45 - 12:45

**Poster Discussion: Pulmonary hypertension and chronic tromboembolic pulmonary hypertension**

**Chairs:**

- Antecubital venous access for balloon pulmonary angioplasty in patients with chronic thromboembolic pulmonary hypertension
  - Nikolai Danilov, Matchin Yuriy, Yarovsky Sergey, Martynyuk Tamila, Chazova Irina

- Early outcomes of patients with systemic lupus erythematosus and antiphospholipid syndrome after pulmonary endarterectomy
  - Serdar Evman, Sehnaz Olgun Yildizeli, Nevsun Inanc, Bulent Mutlu, Serpil Tas, Mehmed Yanartas, Bedrettin Yildizeli
Riociguat in chronic thromboembolic pulmonary hypertension (CTEPH): ERS/ESC risk assessment in CHEST
Harrison Farber, Dennis Busse, Janethe de Oliveira Pena, Hossein-Ardeschir Ghofrani, Speaker to be confirmed

Triaging acute pulmonary thrombo-embolic disease: Only a limited role for early warning scoring
Harmesh Moudgil, Tieng Toh, Katie Hutchinson, Sam Craik, Nawaid Ahmad, Koothalai Srinivasan, Speaker to be confirmed

Leucocytes platelets co-aggregates remain elevated in patients with perfusion defects after pulmonary embolism
Anne Roche, Nicolas Gendron, Vanessa Grangier, Luc De Chaisemartin, Benjamin Planquette, Pascale Gaussem, David Smadja, Olivier Sanchez, Speaker to be confirmed

Influence of discontinuation of medication after balloon pulmonary angioplasty in patients with chronic thromboembolic pulmonary hypertension
Yaoita Nobuhiro, Sugimura Koichirou, Tatebe Shunsuke, Yamamoto Saori, Aoki Tatsuo, Miura Masanobu, Satoh Kimio, Shimokawa Hiroaki, Speaker to be confirmed

Factors associated with exercise limitation after pulmonary endoarterectomy
Angelo Guido Corsico, Rita Di Domenica, Valentina Conio, Eti Maria Giulia Di Vincenzo, Maurizio Pin, Valentina Graziani, Antonio Scioritino, Catherine Klersy, Andrea Maria D’Armini, Federica Meloni, Isa Cerveri, Speaker to be confirmed

Occult cancer in patients with acute venous thromboembolism: Why, when and where to investigate
Luis Jara-Palomares, Remedios Otero-Candelera, David Jimenez, Marc Carrier, Inna Tzoran, Benjamin Brenner, Manuel Monreal, Speaker to be confirmed

Treatment of venous thromboembolism in cancer patients with tinzaparin beyond 6 months. TiCAT study
Luis Jara-Palomares, Aurora Solier-Lopez, Teresa Elias-Hernandez, Lucia Marin-Barrera, Maribel Asensio-Cruz, Lionel Suarez-Valdivia, Isabel Blasco-Esquivias, Maria Rodriguez de la Borbolla, Remedios Otero-Candelera, Speaker to be confirmed

Chronic thrombo-embolic pulmonary hypertension: Long-term outcomes in operated and non-operated patients
Syed Quader, Catherine Billings, Jim Wild, Andy Swift, Smitha Rajaram, Christine Davies, Catherine Hill, Steven Thomas, Peter Drayfield, Steven Hunter, Iain Armstrong, Neil Hamilton, Allan Lawrie, Judith Hurdman, Athanasios Charalampopoulos, Ian Sabroe, Robin Condliffe, Charlie Elliot, David Kiely, Speaker to be confirmed

Endothelial dysfunction in patients with chronic thromboembolic pulmonary hypertension (CTEPH)
Olga Tura-Ceide, Núria Aventí, Lucilla Piccoli, Constanza Moré, Mariona Guitart-Mampel, Glòria Garrabou, Jesús García-Lucio, Núria Chamorro, Isabel Blanco, Victor Peinado, Manuel Castellà, Joan Albert Barberà, Speaker to be confirmed

Incidence and outcomes of haemoptysis in patients with operable and non-operable chronic thromboembolic pulmonary hypertension (CTEPH) and pulmonary arterial hypertension (PAH)
Roberta Pulcheri Ramos, Eloara V.M. Ferreira, Rimarcs Gomes Ferreira, André Luis Alves de Melo, Carlos Gustavo Verrastro, José E.A. Barroso, Carolina M.S. Messina, Angelo X.C. Fonseca, Luiz Eduardo Nery, Jaquilina Sonoe Ota-Arakaki, Speaker to be confirmed

Prognostic significance of right heart hemthromb (RHT) in patients with acute symptomatic pulmonary embolism: Systematic review and meta-analysis
Deisy Barrios Barreto, Vladimir Rosa-Salazar, Raquel Morillo Guerrero, David Jimenez Castro, Rosa Nieto-Royo, Sara Fernández, José Luis Zamorano, Manuel Monreal, Adam Torbicki, Roger D. Yusen, Speaker to be confirmed

Right ventricular function changes after therapy in chronic thromboembolic pulmonary hypertension
Bouchra Lamia, Audrey Benguigui, Luis-Carlos Molano, Catherine Viacroze, Geraldine Menard, Jean Quieffin, Philippe Bonnet, Jean-Francois Muir, Antoine Cuvelier, Speaker to be confirmed

Mosaic attenuation in CT for assessment of pulmonary perfusion in CTEPH patients
Akane Matsumura, Hajime Kasai, Toshihiko Sugiura, Nobuhiro Tanabe, Takuma Matsumura, Ayako Shigeta, Naoko Kawata, Seihiro Sakao, Koichiro Tatsumi, Speaker to be confirmed

Peripheral blood leucocyte phenotype in IPAH and CTEPH
Kasia Zalewska, Emily Groves, Helen Baxendale, Joanna Pepke-Zaba, Nicholas W. Morrell, Mark R. Toshner, Speaker to be confirmed
Reoperative pulmonary endarterectomy
Sehnaz Olgun, Derya Kocakaya, Serpil Tas, Mehmeh Yanartas, Cihangir Kaymaz, Büllent Mutlu, Berrin Ceyhan, Bedrettin Yıldızeli, Speaker to be confirmed

Right ventricular function and exercise capacity in response to successful pulmonary endarterectomy surgery
Rocco Francesco Rinaldo, Luke Howard, Speaker to be confirmed

10:45 - 12:45
Poster Discussion: Immune response in the lung

Chairs:

Presence of commensal house dust mite allergen in human gastrointestinal tract: A potential contributor to intestinal barrier dysfunction
Meri Tulic, Mylene Vivinus-Nebot, Akila Rekima, Samara Rabelo Medeiros, Chrystelle Bonnart, Haining Shi, Allan Walker, Raffaella Dainese, Julien Boyer, Nathalie Vergnonne, Thierry Piche, Verhasselt Valerie, Speaker to be confirmed

Batf3-dependent dendritic cells control house dust mite-driven Th2 and Th17 response through IL-12 production
Laura Conejero Hall, Sofía Chayeb Khouili, Sarai Martínez Cano, Helena Izquierdo Fernández, Paola Brandi, David Sancho Madrid, Speaker to be confirmed

Targeting IL33-ST2 pathway in virus-induced exacerbation of experimental asthma
Lara Ravanetti, Annemiek Dijkhuis, Yanaika S. Sabogal Pineros, René Lutter, Speaker to be confirmed

Immunomodulatory role of IL-37 in asthma pathogenesis
Alexandra Schröder, Lars Lunding, Sina Webering, Christina Vock, Heinz Fehrenbach, Michael Wegmann, Speaker to be confirmed

Antinuclear antibodies and rheumatoid factor are associated with blood eosinophils in asthma and COPD
Koji Tamai, Harukazu Yoshimatsu, Toshiharu Saito, Hirofumi Matsuoka, Yasuko Koma, Nobuhiko Okada, Akiko Otsuka, Sayaka Inoue, Sachie Kume, Nao Oda, Yujiro Suzuki, Speaker to be confirmed

CD38 gene-modified dendritic cells inhibit murine asthma development through increasing IL-12 production and promoting Th1 cell differentiation
Jiaoli Wang, Speaker to be confirmed

Establishment of a murine asthma exacerbation model by combining OVA exposure with either RSV or influenza infection
Cornelia Tilp, Hannes Bucher, Eva Wex, Klaus Erb, Speaker to be confirmed

Cell type specific accessibility of C5aR2 on human blood cells of myeloid origin
Kistler Barbara, Schlegel Alexandra, Grauert Matthias, Arndt Kirsten, Williams Cara, Speaker to be confirmed

Essential role of IRF-3 in COPD exacerbation mouse model
Takashi Ishii, Keisuke Hosoki, Yuichi Nikura, Takahide Nagase, Naomi Yamashita, Speaker to be confirmed

Early life antibiotic exposure is associated with an increased risk of allergy
Fariba Ahmadizar, Susanne J. H. Vijverberg, Hubertus G.M. Arets, Anthonius de Boer, Jason E. Lang, Johan Garssen, Aletta Kraneveld, Anke H. Maitland-van der Zee, Speaker to be confirmed

Dysregulation of type 2 innate lymphoid cells and Th2 cells impairs pollutant-induced allergic airway responses
Katrien De Grove, Sharen Provoost, Rudi Hendriks, Leen Seys, Smitha Kumar, Tania Maes, Guy Brusselle, Guy Joos, Speaker to be confirmed

Use of fluoroenzyme immunoassay in the diagnosis of bird fancier’s hypersensitivity pneumonitis
Sujoy Khan, Sushmita Roy Chowdhury, Parthasarathi Bhattacharya, Speaker to be confirmed

Specific parental atopy, sex of child and timing of introduction of ‘allergenic’ foods
Malcolm Sears, Maxwell Tran, Diana Lefebvre, David Dai, Meghan Azad, Padmaja Subbarao, Wendy Lou, Allan Becker, Piyushkumar Mandhane, Stuart Turvey, The CHILD Study Investigators, Speaker to be confirmed

Allergens induced release of alarmins from airway epithelial cells
Sangeetha Ramu, Mandy Menzel, Hamid Akbarshahi, Lena Uller, Speaker to be confirmed
Influenza induced exacerbation is associated with steroid insensitive AHR and pulmonary inflammation in HDM sensitised mice
Ian Knowles, Kamal Lalgi, Mehrnaz Elmi, Olivia Robb, Neeta Patel, Speaker to be confirmed

Pulmonary involvement in children with selective IGG deficiency
Athina Papadopoulou, Despina-Zoe Mermiri, Fani Giannoula, Evagelia Tavoulari, Stavroula Kostaridou, Speaker to be confirmed

Responses to rhinovirus infection in human lung slices are reduced by rupintrivir
Helena Obernolte, Peter Braubach, Danny Jonigk, Olaf Pfennig, Hans-Gerd Fieguth, Armin Braun, Sabine Wronska, Katherina Sewald, Speaker to be confirmed

Asthma-COPD overlap syndrome (ACOS): The compatibility between doctor-diagnosis and document-guided diagnosis
Michiko Hibi, Joe Shindo, Akira Shiraki, Speaker to be confirmed

10:45 - 12:45
Poster Discussion: Man versus machine: waves, frequency and more in lung function
Chairs:

Comparing 3 forced oscillation devices in different subject groups
Wim Put, Judith Baars, Chris P.M. van der Grinten, Speaker to be confirmed

Reference values for IOS derived R5-R20 and AX assessed from healthy polish children
Waldemar Tomalak, Jakub Radlinski, Speaker to be confirmed

Small airways indices derived from impulse oscyllometry vs plethysmography and spirometry
Jakub Radlinski, Waldemar Tomalak, Speaker to be confirmed

The influence of different mouthpieces on the impulse oscillometry results
Ada Gastaldi, Gustavo Dionisio, Daniele Santos, Letícia Souza, Bruna Silva, Larissa Nascimento, Mayara Paula, José Baddini-Martinez, Hugo Souza, Speaker to be confirmed

Quality of spirometry in silica, wood and foundry workers in GB
Jade Summer, Ruth Wiggans, Leon Lewis, Alison Codling, Lisa Bradshaw, Edward Robinson, David Fishwick, Christopher Barber, Speaker to be confirmed

Has the determination of the rate of decline of FEV1 added value in addition to the determination of FEV1/FVC and FEV1
Marcel Geerts, Irene Steenbruggen, Speaker to be confirmed

A pilot study of hot-wire, ultrasonic and wedge-bellows spirometer inter- and intra-variability
Marit Aardal, Lene L. Svendsen, Sverre Lehmann, Tomas M. Eagan, Ingvild Haaland, Speaker to be confirmed

Is it feasible for respiratory physiologists to carry out inhaler device technique checks during routine pulmonary function tests?
Rachel Anglin, Paul Byrne, Geraldine Nolan, Suzanne Morrin, Geraldine Moore, Emma Flood, Orla Farrelly, Majella Gilmartin, Speaker to be confirmed

Spirometry in primary care; results after education of operators using quality indicators in a real-life study
Mats Arne, Kersti Theander, Speaker to be confirmed

Quality and learning aspects of the first 9000 spirometries in the LifeGene study
Mikaela Qvarfordt, Martin Anderson, Magnus Svartengren, Speaker to be confirmed

Retrospective study of arterial blood gas in CPET: Are these always mandatory?
Anne Janssen, Speaker to be confirmed

Preflight hypoxia test with portable oxygen concentrators: when new technologies require more technology
Vincent Bunel, Amr Shoukri, Frederic Choin, Serge Robin, Cindy Smith, Thomas Similowski, Capucine Morélot-Panza, Jé sus Gonzalez, Speaker to be confirmed

"Notch-shoulder" pattern on flow volume loop: Is it a clinically useful pattern or just a 'normal' variant?
Anna Warpachowska, Shweta Appiah, Johnathan Lex, Maya Patel, Michael Howard, Aled Phillips, Speaker to be confirmed
Scoring respiratory sleep studies for obstructive sleep apnoea (OSA). A comparison study between automated software and clinical physiologists
Jennifer Furlong, Justine Hadcroft, Dorothy Price, Matthew Shaw, Neil McLaughlin, Speaker to be confirmed

Comparison of auto-titrating CPAP derived apnoea-hypopnoea index (AHI) with pulse oximeter oxygen desaturation index (ODI) in patients with obstructive sleep apnoea (OSA)
Claire O’Sullivan, Adrian Kendrick, Speaker to be confirmed

Validation of automated versus manual scoring of cardio-respiratory sleep studies: A clinical audit
Heather Engleman, Ann Cooper, Matthew Thomas, Sarah Martin, Neena Derashri, Jonathan Leahy, Anwen Evans, Speaker to be confirmed

An audit comparing automated scoring to physiologist scoring of semi polysomnography sleep studies
Diane Clarke, Michelle Goodlad, Trishandee Matharu, Iuri Mata, Joanna Shakespeare, Speaker to be confirmed

Polysomnography screening for obstructive sleep apnoea in patients on a Barrett’s esophagus registry from a specialist center
Peter Coss, D O Toole, N. Ravi, M. O Brien, N. Clarke, P. Lawlor, J. O Sullivan, P. Goodman, J. Reynolds, A.M. Mc Laughlin, Speaker to be confirmed

Oral Presentation: From microimaging to functional evaluation of the lung
Chairs :

10:45 - 12:45

Longitudinal assessment of lung fibrosis by micro CT correlates with histological evaluation in bleomycin-induced mice
Gino Villetti, Yanto Ridwan, Sasha Belenkov, Jeroen Essers, Francesca Ruscitti, Francesca Ravenetti, Paula Van Heiningen, Wis Wos, Cedric Van Holsbeke, Maurizio Civelli, Fabio Stellari, Speaker to be confirmed

A functional imaging study to investigate the relationship between pulmonary inflammation and systemic inflammation in COPD patients
Marie Fisk, Divya Mohan, Christopher Coello, Fred Wilson, Philip Murphy, Carmel M. McNicholas, John Cockcroft, Jonathan Fulford, Ruth Tal-Singer, Michael I. Polkey, Ian B. Wilkinson, Joseph Cherian, Speaker to be confirmed

Mediators of bronchial wall remodeling and emphysema assessed using imaging methods in patients with chronic obstructive pulmonary disease
Karolina Górska, Jerzy Soja, Bogdan Jakiela, Hanna Plutecka, Iwona Gross-Sondej, Adam Cmiel, Slawomir Mikrut, Piotr Loboda, Anna Andrychiewicz, Krzysztof Sladek, Speaker to be confirmed

Comparison of EBUS and HRCT in assessment of airway wall in asthma and COPD
Katarzyna Górska, Piotr Korczynski, Michal Mierzewski, Justyna Kosciuch, Malgorzata Zukowska, Marta Maskey-Warzechowska, Rafal Krenke, Speaker to be confirmed

Bronchoarterial ratio in never smokers: Implications for bronchial dilation definition
Alejandro A. Diaz, Thomas P. Young, George R. Washko, San Jose Estepar Raul, Speaker to be confirmed

Influence of bronchodilator usage for the cross-sectional area of small pulmonary vessels in COPD patients
Masao Takemura, Hiroki Nishine, Shin Matsuoka, Takeo Inoue, Masamichi Mineshita, Teruomi Miyazawa, Speaker to be confirmed

Change in right atrial minimal volume is a prognostic marker in pulmonary arterial hypertension (PAH)
Euan Tubman, Tom Sproson, Dave Capener, Robin Condliffe, Charlie Elliot, Athanasios Charalampopolous, David Kiely, Jim Wild, Andy Swift, Speaker to be confirmed

Oral Presentation: How to choose the best strategy with noninvasive ventilation?
Chairs :

10:45 - 12:45

The unmet needs of home mechanical ventilator users in Europe: The patients’ perspective
Sarah Masefield, Michele Vitacca, Nico Ambrosino, Speaker to be confirmed

Non-invasive ventilation in acute respiratory failure: Effects of modes, obesity and body position
Murat Türk, Güle, I Gürel, Müge Aydogdu, Speaker to be confirmed

Surface respiratory EMG during different settings of non-invasive ventilation in stable COPD
Mariele L. Duiverman, Anouk S. Huberts, Gerrie Bladder, Peter J. Wijkstra, Speaker to be confirmed
Fiberoptic bronchoscopy (FBO) as rescue-strategy for non-invasive ventilation (NIV) failure in acute respiratory failure (ARF) in a respiratory intensive care unit (RICU)

Raffaele Scala, Uberto Maccari, Giuseppina Ciarleglio, Valentina Granese, Francesco Costa, Claudia Maggiorelli, Chiara Madioni, Speaker to be confirmed

Home non-invasive ventilation (NIV): Identification of patients at risk of non-adherence at setup

Maxime Patout, Gill Arbane, Jennifer Owusu-Afiyie, Laura Castaldi, Joerg Steier, Philip Marino, Nicholas Hart, Patrick Murphy, Speaker to be confirmed

Non-invasive ventilation: Effect of a vented and a non-vented CO2 exhalation system on O2- and CO2-concentrations

Karl-Josel Franke, Ulrike Domanski, Maik Schroeder, Barbara Stoehr, Georg Nilius, Speaker to be confirmed

Impact of high-intensity non-invasive ventilation on cardiac function in stable hypercapnic COPD: A randomised cross-over trial

Marieke L. Duiverman, Petra Maagh, Friederike Magnet, Schmoor Claudia, Maria P. Arellano-Maric, Jan H. Storre, Peter J Wijksstra, Wolfram Windisch, Jens Callegari, Speaker to be confirmed

Oral Presentation: Non inflammatory COPD monitoring

Airway wall response to deep inspiration in COPD

Alvenia Cairncross, Robyn Jones, Alan James, John Elliot, Howard Mitchell, Peter Mcfawn, Peter Noble, Speaker to be confirmed

Applying telemonitoring (TM) post-admission for COPD, at scale: Preliminary findings from a large European trial

Keir E. Lewis, Frode Gallefos, Hugh Brown, Panos Stafylas, Kristian Kidholm, Susana Nocello, Leo Lewis, Speaker to be confirmed

In active and former smokers with CT detected emphysema but without airway obstruction, the presence of an abnormal DLco is associated with a worse clinical presentation

Jessica Gonzalez Gutierrez, Marta Marin Oto, Arantza Campo, Javier Zulueta, Ana Belen Alcaide, Juan Bertó, Juan Pablo De Torres, Speaker to be confirmed

Effect of dual bronchodilation with indacaterol/glycopirronium on small airways resistance in patients with stable COPD

Francesca Simioli, Maria Martino, Giacomo Spurio Vennarucci, Lucia Morrone, Antonio Molino, Mauro Mormile, Anna Agnese Stanziola, Maria D’Amato, Speaker to be confirmed

Characteristics and longitudinal progression of COPD GOLD B

Philip Lawrence, Umme Kolsum, Vandana Gupta, Gavin Donaldon, Richa Singh, Bethan Barker, Leena George, Adam Webb, Chris Brightling, Jadwiga Wedzicha, Dave Singh, Speaker to be confirmed

Increased small intestinal permeability during severe acute exacerbations of COPD


Assessment of quality of life (SGRQ) in patients with alpha-1-antitrypsin deficiency- Analysis from the German registry

Nikolas Bernhard, Sebastian Fänder, Philipp M. Lepper, Claus Vogelmeier, Robert Bals, Speaker to be confirmed

Oral Presentation: New approaches and finding in smoking cessation

Smoking cessation using the gamification of mHealth apps: A longitudinal qualitative study

Yusuf Sherwani, Mohammed Muntasir, Maroof Ahmed, Abdulrahman El-Hilly, Sheeraz Iqbal, Sarim Siddiqui, Zaid Al-Fagih, Andreas Eisingerich, Omar Usmani, Speaker to be confirmed

Smoking prevention using experiential learning in children aged 5-9 yo

Dimitri Mpousiou, Theodora Katsaounou, Michalis Toupinis, Areti Karathanasi, Anna Karakatsani, Christina Gratziou, Spyridon Zakyntinos, Paraskevi Katsaounou, Speaker to be confirmed

A cute effect of smoking and its abstinence on dietary intake and appetite

Konstantina Zachari, Costas A. Anastasiou, Maria Sidiropoulou, Paraskevi Katsaounou, Roxani Tenta, Mary Yannakoulia, Speaker to be confirmed
Weighted smoking score: Measuring the benefits of quitting smoking in COPD
Lucretia Udrescu, Mihai Udrescu, Stefan Mihaicuta, Speaker to be confirmed

A follow-up study (MARKO) supports the need to change the diagnostic criteria for COPD
Marina Labor, Zarko Vrbica, Ivan Gudelj, Slavica Labor, Iva Juric, Davor Plavec, Speaker to be confirmed

Dynamics of exhaled breath temperature (EBT) after a smoked cigarette
Iva Juric, Marina Labor, Slavica Labor, Davor Plavec, Speaker to be confirmed

Effects of sodium hypochlorite and cigarette smoke on lung function and behavior of Wistar rats
Soraia Nogueira Felix, Renata Pandolpho, Andrezza Luiza Moreira, Isabela Camanper Macenco, Larissa Baptista Benittes, Francine Maria de Almeida, Isabella Santos de Genaro, Fernanda Arantes, Milton de Arruda Martins, Gilberto Fernando Xavier, Iolanda de Fá tima Lopes Calvo Tibé rio, Beatriz Mangel porto Saraiva Romanholo, Speaker to be confirmed

Oral Presentation: Drug-resistant tuberculosis and experience of delamanid and bedaquiline

Preventing MDR/TB in Europe: Drug sensitivities received after the initial phase of treatment
Graham H. Bothamley, Christoph Lange, Speaker to be confirmed

Treatment interruptions in patients with MDR/XDR-TB: risk factors and impact on treatment outcomes
Yana Batyrshina, Speaker to be confirmed

Efficacy and safety of modified anti-tubercular treatment (ATT) regimens in treatment of tuberculosis (TB) in patients with underlying chronic liver disease (CLD)
Sachin Kumar, Naveen Kumar, Shiv Sarin, Speaker to be confirmed

Use of delamanid for M/XDR-TB treatment under programmatic conditions in Latvia
Linda Barkane, Liga Kuksa, Gunta Kirvelaite, Zita Lauiska, Vaira Leimane, Speaker to be confirmed

Steps of bedaquiline implementation in Georgia
Nana Kiria, Zaza Avaliani, Lali Mikiashvili, Speaker to be confirmed

Compassionate use of bedaquiline in a cohort of Indian drug resistant tuberculosis (DR-TB) patients
Zarir Udwadia, Jai Mullerpattan, Shashank Ganatra, Rohit Amale, Speaker to be confirmed

Bedaquiline-containing regimens for MDR TB treatment - Focus on the safety
Sergey Borisov, Alexsey Filippov, Taisiya Ivanushkina, Diana Ivanova, Nataliya Litvinova, Speaker to be confirmed

Thematic Poster: Biomarkers and phenotypes of COPD

Comparison of blood eosinophils and plasma periostin in stable and non-stable chronic obstructive pulmonary disease: How we can improve the management of our patients
Alizamin Sadigov, Konul Abasaliyeva, Sakhvatdin Akhundov, Gunel Sadigova, Speaker to be confirmed

Alpha<sub>-1</sub>-antitripsin deficiency in Portuguese COPD patients
Ana Filipa Cruz e Costa, Cidá Rodrigues, Pedro Ulisses Brito, Speaker to be confirmed

Heterogeneity inside group D COPD patients: About 827 cases
Ahmed Ben Saad, Saoussen Cheikh Mhammed, Hadhami Mribah, Nesrine Fahem, Samah Joobeur, Naceur Rouatbi, Ali El Kamel, Speaker to be confirmed

CAT predicts mortality in COPD patients who require LTOT
Nikolay Kychukov, Nikolay Yaney, Ilya Krachunov, Zlatina Ivanova, Preslava Kychukova, Petkana Hristova, Plamen Pavlov, Pavlina Gologovska, Tsanya Popova, Yavor Ivanov, Speaker to be confirmed

Plasma surfactant protein-D (SPD) concentration and severity of airflow limitation in COPD patients (pts)
Kateryna Gashynova, Tetyana Pertseva, Speaker to be confirmed

Endothelial dysfunction and systemic inflammation during acute exacerbations of COPD
Andrea Vukic Dugac, Alen Ruzic, Ana Hemcovic, Mateja Jankovic-Makek, Gordana Pavlisa, Hrvoje Puretic, Gzim Redjepi, Sanja Popovic-Grlje, Miroslav Samarzija, Marko Jakopovic, Speaker to be confirmed
**Blood pressure variability during the 6-minute walk test in patients with chronic obstructive pulmonary disease**
Arnoldus van Gestel, Andrja Gajic, Florent Baty, Martin Brutsche, Speaker to be confirmed

**The trend of pulmonary function tests over time in COPD patients with different levels of blood eosinophils**
Paola Rogliani, Ermanno Puxeddu, Chiara Ciaprin, Gabriella Pezzuto, Luigiino Calzetta, Mario Cazzola, Speaker to be confirmed

**Do inhaled corticosteroids reduce the frequent exacerbator phenotype in COPD - A little help by a multicenter survey**
Dieter Klopf, Johannes Rumpf, Peter Maier-Stocker, Kai Thomas, Christoph Koehl, Claudia Sommer, Peter Berg, Speaker to be confirmed

**GOLD staging and grading for predicting one-year mortality in COPD patients with severe exacerbation**
Evgeni Mekov, Yania Slavova, Adelina Tsakova, Marianka Genova, Dimitar Kostadinov, Delcho Minchev, Dora Marinova, Mihail Boyanov, Speaker to be confirmed

**Resting heart rate and exacerbations in COPD patients**
Ahmad Izuanuddin Ismail, Aisyat Natasya Musa, Mohd Arif Mohd Zim, Mohd Arif Fadzil, Norhaya Mohd Razali, Razul Md Nazri Md Kassim, Tengku Saifudin Tengku Ismail, Speaker to be confirmed

**Quality of life at discharge from hospital following acute exacerbation of COPD is much worse even if length of stay is short**
Lalita Fernandes, Rohit Vadala, Nandani Gulati, Anika Parrikar, Anthony Mesquita, Speaker to be confirmed

**Airway resistance correlates with the frequency of exacerbation in patient with COPD**
Hitomi Furukawa, Yasunori Kishino, Yasunori Murata, Shin Ohta, Tetsuya Honma, Sojiro Kusumoto, Mayumi Yamamoto, Shintaro Suzuki, Akihiko Tanaka, Takuya Yokoe, Tsukasa Ohnishi, Hironori Sagara, Speaker to be confirmed

**Alpha-1-antitrypsin deficiency in Kazakh subjects with COPD**
Arda Zhumagaliyeva, Marina Gorrini, Claus Vogelmeier, Angelo Corsico, Ludmila Karazhanova, Timm Greulich, Annalisa DeSilvestri, Victor Kotke, Valentina Barzon, Michele Zorzetto, Ilaria Ferrarotti, Speaker to be confirmed

**Inflammatory markers (IL-6, suPAR) and arterial stiffness parameters in COPD patients**
Renata Marietta Böcskei, Lilla Tamás, Béla Benčúr, András Bikov, György Losonczy, Anikó Bohács, Speaker to be confirmed

**The prognostic value of cardiac and inflammatory biomarkers in acute exacerbations of COPD**
Louise Goodall, Belinda Cochrane, Soo Wei Foo, Phong Nguyen, Speaker to be confirmed

**Serum uric acid levels and uric acid/creatinine ratio in stable COPD patients: Are these parameters efficiently predict risky patients for exacerbation and/or severity of the disease?**
Nagihan Durmus Kocak, Gulsah Sasık, Ulku Aka Akturk, Metin Akgun, Sibel Boga, Aysun Sengül, Sinem Gungor, Sibel Arınc, Speaker to be confirmed

**Relation of high resolution computed tomography findings with functional parameters in COPD**
Gülden Bilgin, Pinar Nercis Kosar, Enver Necip Köseoglu, Speaker to be confirmed

**The association between morning symptoms and physical activity in chronic obstructive pulmonary disease: A systematic review**
Amanda van Buul, Marise Kasteleyn, Niels Chavannes, Christian Taube, Speaker to be confirmed

**Thematic Poster: COPD diagnosis and management**
Chair:

**Time of presentation to accident and emergency (A&E) of community respiratory patients at Royal London Hospital**
Martin Sterry, Jane Simpson, Speaker to be confirmed

**Fatigue is useful in characterising chronic obstructive pulmonary disease (COPD) frequent hospitalisations sub-phenotype**
Sabina Antoniu, George Leahu, Alexandra Hordila, Alexandru Moraru, Ioana Cretu, Lucian Boiculesu, Speaker to be confirmed
A pilot study to assess the efficacy of breathlessness plans for patients with chronic obstructive pulmonary disease (COPD)
Mary Qian, Michelle Thompson, Brian Le, Louis Irving, Natasha Smallwood, Speaker to be confirmed

Problems hypodiagnostics of chronic obstructive pulmonary disease. Using the original questionnaire for early diagnostics of COPD
Natallya Cherepita, Speaker to be confirmed

A non-interventional observational trial to study the COPD treatment choices in routine clinical practice in Bulgaria
Pavlina Nikolova Glogovska, Yavor Ivanov, Ivan Nikolaev, Speaker to be confirmed

Intranasal budesonide improves quality of life in patient with COPD and chronic nasal symptoms
Cecilia Calabrese, Adriano Costigliola, Giovanni Cioffi, Eugenio Tremante, Marianna Maffei, Damiano Capaccio, Elena Merola, Gennaro Mazzarella, Alessandro Vatrella, Speaker to be confirmed

COPD: Influence of patients' nutritive status on the exacerbations rate
Kateryna Gashynova, Kateryna Bogatska, Speaker to be confirmed

Socioeconomic status shaping GOLD A-D classification in patients with chronic obstructive pulmonary disease
Sibel Atis Nayci, Eylem Ozgur, Cengiz Ozge, Speaker to be confirmed

Adherence to inhaled therapy and its impact on chronic obstructive pulmonary disease (COPD)
Magdalena Humenberger, Bernhard Kaiser, Anna Labek, Rupert Frechinger, Bernd Lamprecht, Speaker to be confirmed

Rosuvastatin effects on systemic inflammation, oxidative stress and antioxidants in patients with chronic obstructive pulmonary disease
Elena Samorukova, Tatiana Adasheva, Vladimir Zadionchenko, Andrew Malyavin, Speaker to be confirmed

Management of virtual COPD cases by pulmonary physicians
Esra Uzaslan, Oguz Kilinc, Aylin Konya, Metin Akgun, Abdullah Sayiner, Speaker to be confirmed

An integrated disease management (IDM) programme of 12 months duration was effective for patients with COPD
Anna Porcu, Barbara Conti, Luigi Vignale, Alberto Rocchi, Mariella Polselli, Biagio Marsiglia, Aldo Casani, Maurizio Moretti, Speaker to be confirmed

Attitudes, beliefs and organizational barriers regarding safe emergency oxygen therapy for patients with COPD: A mixed methods study
Ronan O’Driscoll, Nawar Bakerly, Ann Caress, June Roberts, Miriam Gaston, Mark Newton, Janelle Yorke, Speaker to be confirmed

Factors influencing on influenza vaccination among chronic obstructive pulmonary disease: The Korea national health and nutrition examination survey
Jae Ho Chung, Hee-Jin Hwang, Speaker to be confirmed

Bronchodilators delivered by nebuliser versus pMDI for exacerbations of COPD - A Cochrane review
Wouter H. van Geffen, Rob Douma, Dirk-Jan Slebos, Huib Kerstjens, Speaker to be confirmed

Assessing knowledge, adherence and barriers to implement COPD guidelines in COPD care in Saudi Arabia
Mohammed Alsubaie, Peter A. Frith, Paul A. Cafarella, Stephen Quinn, Mohamed S. Al Moamary, R. Doug McEvoy, Tanja W. Effing, Speaker to be confirmed

Prevalence and risk factors for postoperative pulmonary complications after lung cancer surgery in patients with early stage of COPD
Eun Sun Kim, Young Tae Kim, Chang Hyun Kang, In Kyu Park, Won Bae, Sun Mi Choi, Young Sik Park, Chang-Hoon Lee, Jae-Joon Yim, Young Whan Kim, Sung Koo Han, Chul-Gyu Yoo, Speaker to be confirmed

Pulmonary ventilatory parameters changes after pharmacologic lung volume reduction in hyperinflated stable COPD
Wafaa Gadallah, Atef Alkarn, Abd Elazeem Abo Elfadil, Manal El Khawaga, Speaker to be confirmed

Can roflumilast improve clinical outcomes in moderate-to-severe chronic obstructive pulmonary disease? A meta-analysis
Jian Luo, Ke Wang, Dan Liu, Bin-Miao Liang, Chun-Tao Liu, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: LTOT, NIV and other clinical parameters in chronic lung diseases.
Chairs:

Ward-based oxygen therapy audit: Prescribe, target, deliver
Katie Hutchinson, Nawaid Ahmad, Sam Craik, Speaker to be confirmed

Evaluation of discharge documentation for patients newly prescribed home oxygen therapy on discharge
Claire Davey, Bijal Gandhi, Shaillti Patel, Speaker to be confirmed

Irish guidelines on long term oxygen therapy
Ann Marian Cronin, Patricia Davis, Adrian O’Brien, Noreen Donoghue, Donna Langan, Tara Hannon, Olivia Lee, Dolores Fox, Ann Tooher, Bernadette Bowen, Speaker to be confirmed

An audit on the effect of a hospital oxygen therapy guideline on oxygen prescription
Rachelle Asciak, Caroline Gouder, Maria Ciantar, Julia Tua, Valerie Fenech, Stephen Montefort, Speaker to be confirmed

The impact of initiating a home oxygen service in Tower Hamlets
Claire Davey, Jane Simpson, Speaker to be confirmed

Do patients with moderate hypoxemia require LTOT?
Nikolay Kyuchukov, Nikolay Yanev, Iliya Krachunov, Zlatina Ivanova, Preslava Kyuchukova, Petkana Hristova, Plamen Pavlov, Pavlina Glogovska, Tsanya Popova, Yavor Ivanov, Speaker to be confirmed

Comparison of fingertip and earlobe pulse oximetry with arterial blood gas results
Sandra Olive, Orion Twentyman, Crichton Ramsay, Speaker to be confirmed

Assessment of nutritional status in patients with idiopathic pulmonary fibrosis
Ayadi Nouha, Feki Walid, Marrakchi Rim, Mkaouar Najla, Ketata Wajdi, Bahloul Najla, Ayadi Hajer, Msaad Sameh, Yangui Ilhem, W.K. Rekik, Jamoussi Kamel, Kammoun Samy, Speaker to be confirmed

Nutritional status in respiratory inpatients patients
Julia Tarrega Camarasa, Maria Sagales, Alex Lopez, Oriol Rovira, Enric Barbeta Sanchez, Speaker to be confirmed

Effects of comorbidities on the CAT score: A population-based study
Manuela Karloh, Marcia Pizzichinni, Emilio Pizzichini, Speaker to be confirmed

Markers of treatment outcome in hypersensitivity pneumonitis patients
Martina Sterclova, Martina Kolbekova, Magdalena Šmetakova, Martina Vasakova, Speaker to be confirmed

Clinical approach to pulmonary sarcoidosis
Ginevra Del Giudice, Assunta Micco, Diana Radicella, Andrea Diglio, Gaetano Beatrice, Giuseppe Gaudenzi, Angelo Romano, Mariano Mazza, Mario Del Donno, Speaker to be confirmed

Predictors of quality of life in sarcoidosis patients
Branislav Gvozdenovic, Violeta Vucinic, Mihailo Stjepanovic, Mira Vukovic, Surinder Birring, Speaker to be confirmed

Psychological features in smokers: A cross-sectional study using symptom checklist-90-revised
Askin Gülsen, Bulent Uygur, Sami Deniz, Julide Emre Celdir, Speaker to be confirmed

The role of smoking on early postoperative pulmonary complications in renal transplantation patients
Gaye Ulubay, Balam Er Dedekarginoglu, Ozlem Salman Sever, Elif Kupeli, Mehmet Haberal, Speaker to be confirmed

Non-invasive ventilation (NIV) - Our experience of telemonitoring in a remote and rural service
Phyllis Murphie, Robin Paton, Stuart Little, Speaker to be confirmed

A retrospective comparison of oxygen prescription errors during social and unsocial hours
Rachelle Asciak, Caroline Gouder, Julia Tua, Maria Ciantar, Valerie Fenech, Stephen Montefort, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: The best clinical approach in lung diseases.

Chairs:

Endobronchial aspergilloma: A case report and literature review
Bing Li, Dongdong Huang, Haiqing Chu, Zhemin Zhang, Jun Zhang, Speaker to be confirmed
Pulmonary hemorrhage syndrome associated with dengue hemorrhagic fever: A rare case report from western India
R.K. Chopra, Nidhi Dixit, Aditi Takale, Sourabh Jain, Vaibhav Pandharkar, Speaker to be confirmed

Evaluation of incidental lung cancer in hospitalized patients with non-respiratory disease
Naoya Miyashita, Yu Mikami, Hidenori Kage, Kosuke Mukita, Hideyuki Takeshima, Hirotaka Matsuzaki, Yasuhiro Yamauchi, Goh Tanaka, Daiya Takai, Yutaka Yatomi, Takahide Nagase, Speaker to be confirmed

An uncommon case of recumbent dyspnea - Have a look to the diaphragm
Francesca Cemmi, Thomas Galasso, Valentina Conio, Alessandro Cascina, Andrea Cortese, Federica Meloni, Isa Cerveri, Speaker to be confirmed

A case of Non-Hodgkin lymphoma mimicking diffuse parenchymal lung disease
Ismail Hanta, Efraim Güzel, Oya Baydar, Emine Kılıçbagir, Alper Avci, Speaker to be confirmed

Idiopathic arteriovenous malformation (AVM) presenting in the 34th week of pregnancy
Artemios Dimitriou, Charoula Chadjikosta, George Minas, Nikos Koronakis, Andreas Georgiou, Speaker to be confirmed

Pulmonary tuberculosis and lung cancer: A complex interaction
Insaf Mejri, Besma Ourari, Hela Cherif, Jiheen B. Amar, Heifa Zaibi, Saloua Azzabi, Med Ali Baccar, Hichem Aouina, Speaker to be confirmed

Serum alkaline phosphatase may play a role in the differential diagnosis of sarcoidosis and tuberculosis?
Seda Tural Öner, Sinem Iliaz, Raim Iliaz, Sinem Sökcü, Cengiz Özdemir, Speaker to be confirmed

Pseudo hyperinflation of lung in patients with achalasia
Jelena Jankovic, Branislava Milenkovic, Vladimir Zugic, Natasa Djurdjevic, Javorka Mitic, Speaker to be confirmed

Improving anticoagulation practice in respiratory patients with non-valvular atrial fibrillation
Andrew Pugh, Charlotte Campbell, Speaker to be confirmed

The diagnostic of the respiratory pathology in patients with rheumatoid arthritis (RA)
Larisa Botvinikova, Speaker to be confirmed

Applicability of TBNA to peripheral lung lesion when transbronchial biopsy fails
HongLyeol Lee, Cheol Woo Kim, Speaker to be confirmed

Clinically important drug interactions with anti-infective agents in critically ill patients with respiratory disorders
Shadi Baniasadi, Maryam Alehashem, Amirali Mahboobipour, Behroz Farzanegan, Speaker to be confirmed

Postoperative pulmonary complications after surgical cytoreduction for gynecological malignancies: Review of 306 patients
Özlem Salman Sever, Balam Er Dedekarginoglu, Elif Kupeli, Ali Ayhan, Gaye Ulubay, Speaker to be confirmed

EUS-assisted lung disease evaluation - A Portuguese single centre 9-year experience
Margarida Vargas-Castanho, Teresa Martín Rioja, Marta Patita, Pedro Pinto-Marques, Fernando Menezes, Helena Grumete, Jorge Soares, Jorge Roldáo-Vieira, Speaker to be confirmed

Prevalence of ocular sarcoidosis in patients with intra thoracic sarcoidosis
Muhammad Hussain, Hazim Mahdi, Mohammed Hassan, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: Latest insights in the management of chronic respiratory diseases

Assessing symptom burden in patients with advanced COPD - Is CAT enough?
Rosie Meharry, David Anderson, Speaker to be confirmed

Air travel in patients on long term oxygen therapy: Lying low or flying high?
Christina Campbell, Matthew W Smyth, Lindsay Brown, Emer Kelly, Speaker to be confirmed

Comparative analysis of bioimpedance methods for the nutritional assessment of respiratory patients
Maria del Pilar Cejudo Ramos, Aixa Garcia, David Naranjo-Hernández, Laura Roa, Gerardo Barbarov-Róstávol, Rosa Vazquez Sanchez, Eduardo Marquez-Martin, Luis Javier Reina-Tosina, Francisco Ortega Ruiz, Speaker to be confirmed
Palliative care in advanced COPD: A community survey in Spain
Sandra Pedrero Tejada, Patricia Sobradillo Ercenarro, Marta Inchausti Iguiñiz, Nuria Marina Malanda, Maria Alfonso Imizcoz, Bernardino Alcazar Navarrete, Speaker to be confirmed

Validation of the brief pain inventory in people with chronic obstructive pulmonary disease
Wendy Darlene Reid, Yi-Wen Chen, Bahareh HajGhanbari, Harvey Coxson, Speaker to be confirmed

Self-management education using interactive application software for tablet computer to improve health status in patients with COPD: A randomized controlled trial
Emika Sano, Jun Ueki, Shinichi Sasaki, Sachiko Kuriyama, Keiko Muraki, Osamu Nagashima, Keiko Hino, Megumi Ikeda, Shigeru Tominaga, Speaker to be confirmed

Integration of hospital and community COPD services including pulmonary rehabilitation can improve patient care and reduce hospital stays
Michael Apps, Dipak Mukherjee, Syed Abbas, Jan Minter, James Whitfield, Speaker to be confirmed

Sleep quality, fatigue and mental health status among mild to severe COPD patients
Islam Mejri Ep Ajili, Zied Moatemri, Selsabil Daboussi, Samira Mhamdi, Chiraz Aichaouia, Rezaieg Cheikh, Speaker to be confirmed

Fewer disease problems changes breathing pattern by breathing control exercises in COPD
Christine Raheim Borge, Ulrich Mack, Martha Lein, Anne Marit Mengshoel, Ernst Omenaas, Torbjørn Moum, Astrid Wahl, Speaker to be confirmed

"It lifts your spirits and you come away feeling lighter" - Patient experience of British Lung Foundation singing groups
Heather McKee, Phoene Cave, Mayana McDermott, Nick Hopkinson, Speaker to be confirmed

Do not attempt resuscitation decisions (DNACPR): Do we fulfil the human rights act?
Marianne Tinkler, Katherine Millington, Speaker to be confirmed

Domain-specific cognitive impairment in patients with COPD and control subjects
Fiona Cleutjens, Frits Franssen, Martijn Spruit, Lowie Vanfleteren, Candy Gijsen, Jeanette Dijkstra, Rudolf Ponds, Emiel Wouters, Daisy Janssen, Speaker to be confirmed

Chronic obstructive pulmonary disease phenotypes, nutritional status and the risk of falls
Emanuela Tudorache, Cristian Oancea, Alexandru Crisan, Camelia Pescaru, Ovidiu Fira-Mladinescu, Voicu Tudorache, Speaker to be confirmed

Effect of nasal high flow oxygen in chronic airway disease on quality of life and hospital admissions
Ilanit Meijntz-Valentijn, M.C. Gubbelmans, G.J. de Vries, Speaker to be confirmed

Testing the validity of a self-administered questionnaire version of the transition dyspnea index in COPD patients
Andreas von Leupoldt, Thomas Reijnders, Michael Schuler, Michael Wittmann, Danijel Jelusic, Sibylle Petersen, Konrad Schultz, Speaker to be confirmed

Cognitive impairment and clinical characteristics in patients with COPD
Fiona Cleutjens, Martijn Spruit, Rudolf Ponds, Lowie Vanfleteren, Frits Franssen, Candy Gijsen, Jeanette Dijkstra, Emiel Wouters, Daisy Janssen, Speaker to be confirmed

Cross cultural adaptation of the exercise self-regulatory efficacy scale (Ex-SRES) in Chinese patients with chronic obstructive pulmonary disease
Yu-Ju Chen, Amy H.J.T. Davis, Speaker to be confirmed

Physicians' attitudes to dyspnoea management in advanced chronic obstructive pulmonary disease (COPD)
Natasha Smallwood, David Currow, Sara Booth, Anna Spathis, Louis Irving, Jennifer Philip, Speaker to be confirmed

Is COPD a risk factor for electrocardiographic abnormalities and cardiac arrhythmias?
Laura Ciobanu, Vasile Maciuc, Doina Clementina Cojocaru, Speaker to be confirmed

Effects of oscillatory positive expiratory pressure on mucus draining, rheological property and lung mechanics: Comparison of Acapella® versus Vibralung®
Tetsuo Miyagawa, Tomomi Ichiba, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Latest insights in chronic care
Chairs:
Heated air humidification vs. cold air nebulisation in tracheotomised patients increases cilia beat frequency in tracheal epithelium and reduces frequency of suctioning procedures
Richard Birk, Alexander Häandel, Boris A. Stuck, Karl Hörmann, J. Ulrich Sommer, Speaker to be confirmed

Developing integrated symptom-based diagnostic pathways: how do adults with breathlessness currently present to secondary care?
Irene Valero Sanchez, Richard J. Russell, Thomas Ward, Anoop Babu, Rachael Evans, Speaker to be confirmed

Lifestyle intervention in a morbid obese population where bariatric surgery is not an option
Finn Wanner, Andrea Haberberger, Björn Andreassen, Sveinung Vemøy, Anita Dyb Linge, Dag Arne Lihaug Hoff, Speaker to be confirmed

A delphi process defining 'chronic breathlessness syndrome': A distinct clinical entity
Miriam Johnson, Janelle Yorke, David Currow, Speaker to be confirmed

The contributing factors to mean pulmonary artery pressure in idiopathic pulmonary fibrosis
Shinichi Arizono, Hiroyuki Taniguchi, Yasuhiro Kondoh, Tomoki Kimura, Kensuke Kataoka, Tomoya Ogawa, Fumiko Watanabe, Kazuyuki Tabira, Ryo Kozu, Speaker to be confirmed

Differences in patient characteristics and associations with comorbid load in Dutch and Australian COPD patients
Anke Lenferink, Job van der Palen, Peter Frith, Paul van der Valk, Tanja Effing, Speaker to be confirmed

Exploring the relationship between psychological dysfunction and perceived symptoms in the Wessex Asthma Cohort of difficult asthma (WATCH) study
Ben Ainsworth, Ramesh Kurukulaaratchy, Esme Bain, Jonathan Griffiths, Mike Thomas, Speaker to be confirmed

Preferences of patients with asthma and COPD for components of inpatient pneumological rehabilitation: A discrete choice experiment
Ines Aumann, Katharina Schmidt, Kathrin Damm, Heike Buhr-Schinner, Jochen van der Meyden, Konrad Schultz, Heidrun Lingner, Speaker to be confirmed

Tracheostomy decannulation in chronic severe brain injury patients: The role of fiberbronchoscopy
Barbara Lanini, Barbara Binazzi, Isabella Romagnoli, Camilla Grifoni, Carla Castellani, Ariela Tofani, Lorenzo Corbetta, Francesco Gigliotti, Speaker to be confirmed

Prevalence of depression in children with asthma
Khashayar Mirab Zadeh, Bamdad Mirab Zadeh, Fatemeh Ghassem Boroujerdi, Mitra Safa, Soheila Khalil Zadeh, Speaker to be confirmed

Effects of four different mechanically assisted coughing procedures on pulmonary function in patients with neuromuscular disease
Kazuto Kikuchi, Masahiro Satake, Fumihiko Onozaki, Yukihiro Sugimoto, Toru Kato, Itsuki Sato, Mika Matsuura, Yukiko Sawamura, Koudai Sugawara, Miki Kikuchi, Michio Kobayashi, Chizu Wada, Takanobu Shioya, Speaker to be confirmed

Findings bronchoscopy in tracheostomised children
Claudia Astudillo Maggio, Gregory Villarroel, Paloma Farias, Ana Moya, Mireya Mendez, Speaker to be confirmed

A comparative effectiveness review: Responsiveness of patient outcome measures (POMs) in outpatient-based cardiac and respiratory rehabilitation
Flora-Joan van Rotterdam, Michael Hensley, Michael Hazelton, Speaker to be confirmed

Validity and intra-class reliability of spirometry using a mask instead of a mouthpiece
Kenichi Ito, Koji Nonaka, Shohei Takeda, Takeshi Nishikawa, Kunihiko Anami, Jun Horie, Morihiro Tsujishita, Hirobumi Kawamura, Speaker to be confirmed

Vertebral deformity and hyperkyphosis in people with chronic obstructive pulmonary disease
Wendy Darlene Reid, Yi-Wen Chen, Harvey Coxson, Speaker to be confirmed

Weaning from prolonged mechanical ventilation (PMV): Impact of a specialist centre
Piers Dixey, Mohammed Nedham, Patrick Murphy, Nick Hart, Jeorg Steier, Philip Marino, Lucy Mcgee, Speaker to be confirmed

Palliation of patients with chronic obstructive pulmonary disease (COPD)
Natasha Smallwood, John Taverner, Claire Bartlett, Lauren Ross, Louis Irving, Jennifer Philip, Speaker to be confirmed
Validation of the multi-independence dimensions (MIND) questionnaire for prolonged mechanical ventilated patients
Javier Murcia, Joao Winck, Hélène Gilet, Peter Kalin, Fabian Plano, Antoine Regnault, Michael Dreher, Michele Vitacca, Nicolino Ambrosino, Speaker to be confirmed

Postural instability and sleep disorder in the elderly
Masashi Kanezaki, Speaker to be confirmed

Obesity hypoventilation syndrome with chronic respiratory insufficiency versus chronic obstructive pulmonary disease with obesity: Similar versus nonsimilar characteristics
Nezihe Ciftaslan Goksenoglu, Eylem Acarturk Tuncay, Feyza Kargin, Emine Aksoy, Huriye Berk Takir, Sinem Gungor, Fulya Cigiltepe, Ozlem Yazicioglu Mocin, Gokay Gungor, Nalan Adiguzel, Zuhal Karakurt, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Hospitalization and comorbidities in chronic lung diseases
Chairs:

Pulmonary rehabilitation for acute exacerbations of chronic obstructive pulmonary disease (COPD): A systematic review
Elizabeth Moore, Thomas Palmer, Roger Newson, Azeeem Majeed, Jennifer Quint, Michael Soljak, Speaker to be confirmed

Early supported discharge/hospital at home for exacerbation of chronic obstructive pulmonary disease, A review and meta-analysis
Carlos Echevarria, Karen Brewin, Hazel Horobin, Andrew Bryant, John Steer, Stephen C. Bourke, Speaker to be confirmed

Respiratory muscles trainings are effective in lowering the pneumonia frequency in patients with heart failure and chronic obstructive pulmonary disease
Elena Kolesnikova, Gregory Arutyunov, Olga Kostyukevich, Anna Rylova, Speaker to be confirmed

COPD specific comorbidities: A prospective, objective and controlled evaluation
Filip J.J. Triest, Frits M.E. Franssen, Nikl L. Reynaert, Martijn A. Spruit, Daisy J.A. Janssen, Emiel F.M. Wouters, Erica P.A. Rutten, Lowie E.G.W. Vanfleteren, Speaker to be confirmed

Effects of pulmonary rehabilitation on exacerbation number and severity in people with chronic obstructive pulmonary disease (COPD)
Elizabeth Moore, Roger Newson, Kieran Rothnie, Miland Joshi, Thomas Palmer, Michael Soljak, Jennifer Quint, Speaker to be confirmed

Prevalence of metabolic syndrome in patients with chronic obstructive pulmonary disease
Jamol Uzokov, Anis Alyavi, Bekzod Karimov, Speaker to be confirmed

Frequency of adverse consequences after spirography in patients with chronic obstructive pulmonary disease and concomitant ischemic heart disease
Daria Didenko, Lesya Rasputina, Yurii Mostovoy, Nataliya Cherepi, Speaker to be confirmed

Anemia in patients with chronic obstructive pulmonary disease - Association with comorbidities
Tina Gissel, Anne Pernille Toft-Pedersen, Michael Skov Jensen, Ulla Moller Weinreich, Nils Milman, Speaker to be confirmed

Risk factors for another hospitalization in COPD patients hospitalized for exacerbation
Emna Ben Jemia, Ines Zendah, Hamida Kwas, Emna Guermazi, Amel Khattab, Habib Ghedira, Speaker to be confirmed

A retrospective cohort study demonstrating the impact of an OPEP device on exacerbations in COPD patients with chronic bronchitis
Jason Suggett, Speaker to be confirmed

Is there benefit from proactive case-detection of left ventricular systolic dysfunction (LVSD) using BNP in patients with advanced COPD?
Ben James, Neil Greening, Nicole Toms, Michael Steiner, Rachael Evans, Speaker to be confirmed

Analysis of the quality of rehabilitation in disabled due to COPD in Ukraine
Natalia Sanina, Svitolana Panina, Natalia Gondulenko, Speaker to be confirmed

Relationship between emergency admission and exercise capacity in patients with COPD
Hulya Sahin, Ilknur Naz, Isil Karasa, Nimet Aksel, Speaker to be confirmed

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Forced oscillations technique can highlight the effects of bronchial airways clearance in COPD
Isabella Romagnoli, Elisabetta Maria Romano, Barbara Lanini, Barbara Binazzi, Emanuele Vulpio, Alessio Lazzeri, Carla Castellani, Francesco Gigliotti, Speaker to be confirmed

Identification of oxidative stress markers and their association with inflammation in smokers and early chronic obstructive pulmonary disease (COPD)
Laura Caram, Renata Ferrari, Duelele Nogueira, Flavia Nogueira, Katina Souza, Nayara Arruda, Mariana Braz, Suzana Tamini, Camila Corrêa, Varga, Speaker to be confirmed

The effect of pulmonary rehabilitation on oxidative stress after acute exacerbation in COPD
Zsuzsanna Kelemen, Orsolya Drozdovszky, Maria Kerti, Zsuzsanna Balogh, Imre Barto, Balazs Antus, János Tamás, Varga, Speaker to be confirmed

Effectiveness of the "living well with COPD" intervention on coping, smoking behavior and exacerbations in patients from Swiss primary care: A non-randomized controlled study
Claudia Stey, Julia Braun, Violeta Davekaite, Stefan Markun, Kaba Dallalana, Milo Puhun, Speaker to be confirmed

Action plans with brief patient education only for exacerbations in COPD: A systematic review
Julia Walters, Maxwell Howcroft, Richard Wood-Baker, E. Haydn Walters, Speaker to be confirmed

Home care in patients hospitalized for exacerbation of COPD
Felipe Villar Alvarez, Diana Sánchez Mellado, Izziar Fernández Ormaechea, Laura Álvarez Suárez del Pulgar, Elena Cabezas Pastor, Andrey Simeonov, Speaker to be confirmed

The impact of comorbidities on pulmonary rehabilitation outcomes in patients with COPD
Anastasios Kallianos, Maria Charikiopoulou, Ioannis Arapis, Lemonia Velentza, Alexandros Kokkolios, Maria Bletsa, Georgia Trakada, Aggeliki Rapti, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: A view to a chest and pleural pathology

Role of chest ultrasonography in prognosis of community acquired pneumonia
Davis Kizhakkepeedika Rennis, Anas Muhammed, Speaker to be confirmed

Ultrasound characteristics of community acquired pneumonia in children
Vojko Berce, Maja Tomazin, Brigita Koren, Speaker to be confirmed

Ultrasound-guided transthoracic biopsy of the peripheral lung tumors-why do we need it?
Lavinia Davidescu, Dumitru Dragnea, Ruxandra Ulmeanu, Dana Olar, Speaker to be confirmed

The risk of pneumothorax in ultrasonographic guided transthoracic lung biopsy
Lavinia Davidescu, Dumitru Dragnea, Ruxandra Ulmeanu, Dana Olar, Alina Popa, Speaker to be confirmed

Ultrasonic assessment of accessory respiratory muscles (RM) in young men and women with joint hypermobility
Lemeschewskij Alexander, Lemiashkeuskaia Sviatlan, Alekseev Sergey, Makarevich Alexander, Speaker to be confirmed

Myoechogenicity index (H1) as a novel, pleural effusions’ grayscale sonographic parameter and its correlation with fluid’s analysis results
Alexander Kalkanis, Charalampos Varsamas, George Vavougios, Konstantinos Gourgoulianis, Speaker to be confirmed

B lines: Role of chest sonography in assessment of bronchiectasis
Mohamed Barakat, Speaker to be confirmed

Study of prevalence & ultrasonographic characteristics of carotid plaques in patients with COPD: An Indian perspective
Manas Mengar, Madhav Kale, Parag Khattavkar, Kedar Korde, Speaker to be confirmed

Possible use of chest ultrasonography in asbestos related lung diseases
Andrea Smargiassi, Giuliana Pesce, Mario Pedicelli, Erminia Lo Greco, Maria Rossaria Salvello, Riccardo Inciochi, Giacchino Schiavo, Patrizio Capolungo, Pasqual Patricelli, Maurizio Manno, Alfonso Cirillo, Gino Soldati, Ivo Iavicoli, Speaker to be confirmed
Use of a calcium sensitizer to improve diaphragmatic motility in difficult weaning
Lucia Morelli, Claudia Serra, Mario Guarino, Fabio Numis, Ilaria Vernoni, Imma Cortile, Luisa Isabella Siniscalchi, Rita Lebano, Speaker to be confirmed

Ultrasound assessment of diaphragmatic function in subjects with COPD
Marco Rossetti, Paolo Marinelli, Irene Turinese, Marcello Di Paolo, Matteo Bonini, Paolo Palange, Speaker to be confirmed

Accuracy and clinical impact of point-of-care lung ultrasound performed by respiratory physicians
Giuseppe Francesco Serrazza Papa, Michele Mondoni, Giovanni Volpicelli, Paolo Carlucci, Fabiano Di Marco, Elena Maria Parazzini, Francesca Reali, Giulia Michela Pellegrino, Paola Fracasso, Simone Serrazza Papa, Livio Colombo, Stefano Centanni, Speaker to be confirmed

Unindustrial asbestosis of pleura
Anatoliy Lenshin, Victor Kolosov, Andrey Il’in, Juliy Perelman, Speaker to be confirmed

Computed tomography pulmonary angiogram (CTPA) usage in patients with suspected pulmonary embolism (PE) in Queen Elizabeth Hospital
Mitra Sadeghi, Vasiliki Tsampasian, Arun Arya, Speaker to be confirmed

Association of esophageal dilatation in chest CT scan with gastroesophageal reflux disease: A case control study
Hanieh Raji, Seyed Ali JavadMoosavi, Seyed Jalal Hashemi, Esmaeil Idani, Ali Javaherfouroushzadeh, Speaker to be confirmed

Utility of high-resolution computed tomography for the rapid diagnosis of sputum smear and PCR-negative pulmonary tuberculosis
Jae Seuk Park, Ku Hyun Hong, Doh Hyung Kim, Speaker to be confirmed

Correlation between radiologic activities on Chest CT with microbiologic results via bronchoscopy in pulmonary tuberculosis
Ho-Young Lee, Seung Jung Yu, Byung Cheol Chung, Hyun-Kyung Lee, Yousang Ko, Speaker to be confirmed

Do doctors understand the test characteristics of lung cancer screening? - A randomized trial
Richard Schmidt, Robab Breyer-Kohansal, Marie Kathrin Breyer, Matthias Urban, Georg-Christian Funk, Speaker to be confirmed

Profile and nodule characteristics of patients with incidental solid pulmonary nodules
Apheera Hussain, Anum Azhar, Shohidul Islam, Georgia Hardavella, Sujal Desai, Speaker to be confirmed

Profile and nodule characteristics of patients with incidental subsolid pulmonary nodules (SSN)
Anum Azhar, Apheera Hussain, Shohidul Islam, Sujal Desai, Georgia Hardavella, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: Mixed up-imaging of various chest diseases

CT-guided percutaneous lung needle biopsy in patients with haematological diseases
Oana Anitei, Francois Mellot, Helene Salvador, Axel Guth, Elisabeth Rivaud, Fabrice Staub, Emilie Catherinot, Louis-Jean Couderc, Speaker to be confirmed

Radiographic changes in patients with tumor necrosis factor alpha inhibitor and immunomodulatory drug users: Four years follow up
Zeynep Burcin Yilmaz, Peri Meram Arbak, Tugçe Pasin, Esma Uslu, Ege Gülleç Balbay, Ömer Balbay, Speaker to be confirmed

Correlation of diffusion MRI with the Ki-67 index in non-small cell lung cancer
Adem Karaman, Irmak Durur-Subasi, Fatih Alper, Omer Araz, Mahmut Subasi, Elif Demirci, Mevlut Albayrak, Gokhan Polat, Metin Akgün, Nevzat Karabulut, Speaker to be confirmed

Applicative value of chest HRCT for bronchiectasis evaluating in pulmonary infection with pseudomonas aeruginosa in patients with cystic fibrosis
Ludmila Balanetchi, Svetlana Sciuca, Maxim Criveanschi, Cecilia Grigore, Aliona Cotoman, Eugenia Criveanschi, Speaker to be confirmed

The role of MDCT in the management of hemotherox in traumatized patients
Bruna Malta, Caterina Albieri, Stefano Tartari, Clorinda Montalto, Zairo Ferrante, Francesco Feletti, Andrea Aliverti, Giorgio Benea, Melchiore Giganti, Speaker to be confirmed
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<td><strong>Biodegradable stents: Our results in 23 patients with tracheal narrowing</strong></td>
<td>Ludek Stehlik, Sarka Lefnerova, Vladislav Htych, Pavel Horazdovsky, Vitezslav Kolek, Miloslav Marek, Martina Vasakova, Speaker to be confirmed</td>
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<td>Franz Stanzel, Uta Wuelfing, Ulrich Klein, Joern Brune, Speaker to be confirmed</td>
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<td><strong>First experience with a biodegradable endobronchial stent in a case of bronchomalacia</strong></td>
<td>Tino Schneider, Florent Baty, Lukas Kern, Joerg Hansen, Martin Brutsche, Speaker to be confirmed</td>
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<td><strong>Management of airway involvement in patients with advanced esophageal cancer</strong></td>
<td>Carolina Castro de Sousa, Carla Simão, José Pedro Bolé, o-Tomé, Rui Costa, Fernando Rodrigues, Speaker to be confirmed</td>
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<td><strong>An attempt to remove tracheal stents earlier: The combined use of topical mitomycin C and silicon stent insertion</strong></td>
<td>Jaechun Lee, Changhwan Kim, Speaker to be confirmed</td>
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Management of bronchial stenosis due to right-sided aortic arch and descending aorta using bronchial Y stent
Ekrem Cengiz Seyhan, Mehmet Akif Özlü, Erdogan Çetinkaya, Guler Ozgul, Speaker to be confirmed

Rigid bronchoscopy and large airway intervention: A review of 1,379 cases at a single tertiary UK centre
Lola Loewenthal, Emily Shaw, Brendan Madden, Speaker to be confirmed

"Cooking the beast" microwaves: A new fast method for reopening the airways
Michela Bezzi, Marco Trigiani, Mauro Novali, Stefano Orsi, Stefano Vezzosi, Guido Biffi Gentili, Speaker to be confirmed

Bronchial thermoplasty in patients with very severe asthma: Safety and clinical outcomes
Paola Antonella Benedetti, José Javier García, Alicia Oliva Ramos, M. Sánchez Casado, Luis Puente Maestu, Speaker to be confirmed

Short-term effects of bronchial thermoplasty on pulmonary function in patients with severe asthma
Motoyasu Ikura, Satoru Ishii, Shinuyo Izumi, Masayuki Hojo, Haruhito Sugiyama, Speaker to be confirmed

Bronchial thermoplasty in uncontrolled severe persistent asthma. Preliminary results
Eli Nancy Perez Rodas, Patricia Raya, Carlos Martinez Rivera, Felipe Andreo Garcia, Carmen Centeno, Pere Serra, Gloria Bonet, Jose Sanz, Marisa Rivera, Juan Ruiz, Speaker to be confirmed

Endobronchial radiofrequency ablation for verrucous carcinoma of the trachea
Claus Steppert, Florian Fuchs, Markus Neurath, Speaker to be confirmed

Foreign body aspiration: A 7-year retrospective review
Christine Silva Costa, Luis Martins, Salvato Feijó, Paula Monteiro, José Rosal Gonçalves, Cristina Barbosa, Speaker to be confirmed

Segmental volume reduction with vapor ablation preserves healthier segments within a lobe as compared to lobar reduction approach

Negative pressure-related complications after valves for emphysema: What else than pneumothorax
Hugo Goulart De Oliveira, Silvia Martins de Oliveira, Diogo Martins de Oliveira, Bruno Rocha Macedo, Amarilido Viera de Macedo Neto, Speaker to be confirmed

Patient selection and efficacy of valve bronchoscopic lung volume reduction (BLVR) in emphysema
Michela Bezzi, Mauro Novali, Pierfranco Foccoli, Speaker to be confirmed

A novel non-surgical treatment of symptomatic congenital lobar emphysema
Mareike Price, Christoph Happel, Folke Brinkmann, Georg Hüsken, Timothy Price, Gesine Hansen, Harald Bertram, Nicolas Schwerck, Speaker to be confirmed

Role of quantitative perfusion scintigraphy evaluation in determination of the efficiency of the procedure before lung volume reduction coil (L V R C ) treatment for severe emphysema
Fidan Yildiz, Inanc Karapolat, Gülay Oncel, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: EBUS and transthoracic ultrasound

Learning curves for ultrasound guided lung biopsy in the hands of respiratory physicians
Christian Laursen, Therese Maria Henriette Naur, Uffe Bodtger, Lars Konge, Daniel Pilsgaard Henriksen, Sara Colella, Matiullah Naqibullah, Valentina Minddal, Jesper Rømhild, Timothy Price, Gesine Hansen, Ole Graumann, Paul Frost Clementsen, Speaker to be confirmed

Ultrasound guided true cut biopsy of peripheral lymph nodes as a staging procedure in patients with non-small cell lung cancer (NSCLC)
Rosen Petkov, Yordanka Yamakova, Speaker to be confirmed

Transthoracic ultrasound can safely rule-out pneumothorax post-lung biopsy
Georgios Tsaknis, Abdul Nasmudeen, Fiona McCann, Philip Pearson, Andrew Jeffrey, Speaker to be confirmed
Diagnostic yield of EBUS-TBNA for mediastinal lymphoma
Serhat Erol, Onur Fevzi Erer, Ceyda Anar, Serir Aktogu, Zekiye Aydogdu, Speaker to be confirmed

The diagnostic efficacy of EBUS-TBNA in tuberculous lymphadenitis
Onur Fevzi Erer, Serhat Erol, Ceyda Anar, Can Binicmen, Zekiye Aydogdu, Serir Aktogu, Speaker to be confirmed

Prospective study of moderate versus deep sedation in endobronchial ultrasound guided transbronchial needle aspiration
Isabelle Rault, Damien Basille, Marine Wallaert, Claire Andrejak, Emmanuelle Lecuyer, Florence Lemeunier, Remi Suguenot, Jean Baptiste Obstler, Houcine Bentayeb, Michel Shiniara, Dayen Charles, Vincent Jounieux, Youcef Douadi, Speaker to be confirmed

Incidence of TB lymphadenopathy on EBUS TBNA in renal failure v/s non renal failure patients
Umang Shah, Nevin Kishore, Dinesh Khullar, Nitin Dayal, Palak Brahmbhatt, Speaker to be confirmed

How to achieve the higher diagnostic yield using EBUS-TBNA method to confirm sarcoidosis?
Lukasz Kasper, Anna Andrychiewicz, Marta Kasper, Romana Tomaszewska, Jerzy Soja, Krzysztof Sladek, Speaker to be confirmed

Safety and efficacy of ultrasound-guided lung biopsies in an outpatient physician-led service
Georgios Tsaknis, Abdul Nasmudeen, Fiona McCann, Brian Richardson, Andrew Jeffrey, Speaker to be confirmed

Usefulness of CT-guided percutaneous transthoracic needle biopsy with additional laser-guidance system
Dong Il Park, Ju Ock Kim, Sung Soo Jung, Hee Sun Park, Chae Uk Chung, Yeon Hee Park, Min Cheol Jeon, Speaker to be confirmed

CT-guided transthoracic fine-needle aspiration vs core needle biopsy in diagnosis of lung cancer: A retrospective comparison of diagnostic accuracy
Alexandra Suliana Mogrovejo Calle, Nieves Navarro, Ignacio Inchaurrega, Ildefonso Furest, Ruben Lera, Eva Martinez Moragon, Speaker to be confirmed

Diagnostic value of endobronchial ultrasound elastography for the differentiation of benign and malignant intrathoracic lymph nodes
Viboon Boonsarngsuk, Speaker to be confirmed

Granulomatous inflammation detected by bronchoscopy with endobronchial ultrasound-guided transbronchial needle aspiration in patients with suspected cancer recurrence in the mediastinum
Elio Donna, Speaker to be confirmed

Endobronchial ultrasound (EBUS) transbronchial needle aspiration (TBNA) in germ cell cancer patients with mediastinal lymphadenopathy: A single centre retrospective analysis
Lars Schmidt, Berit Lauterbach, Anna Hansmeier, Inken Hartig, Torsten Kessler, Christoph Schliemann, Arik Bernard Schulze, Eva Wardelmann, Gerald Püttering, Wolfgang Berdel, Rainer Wiewrodt, Michael Mohr, Speaker to be confirmed

Isolated mediastinal lymphadenopathy - How does EBUS-TBNA perform in clinical practice?
Prasad Palani Velu, Philip Reid, William Wallace, Christopher Skwarski, Speaker to be confirmed

Comparison of endobronchial and endoscopic ultrasound-guided needle aspiration performed by single ultrasound bronchoscope for diagnosis of sarcoidosis - A prospective study
Anna Filarecka, Stanislaw Orzechowski, Ewa Laczyńska, Maciej Gnass, Jerzy Soja, Juliusz Pankowski, Anna Obrochta, Adam Cmiel, Katarzyna Solarczyk-Bombik, Marcin Zielinski, Artur Szlbowski, Speaker to be confirmed

Thematic Poster: Orphan Diseases (I)

Review of care in patients dying of pulmonary fibrosis in a district general hospital
Nevan Meghani, Beth Turnpenny, Abdul Ashish, Speaker to be confirmed

Hypoxic challenge testing in idiopathic pulmonary fibrosis
Ian Cliff, Michael Hepple, Marie Hardy, Jacqueline Piggott, Pamela Birks, Monica Spiteri, Naveed Mustfa, Helen Stone, Speaker to be confirmed

Clinical features of patients with idiopathic pulmonary upper lobe-dominant fibrosis
Shun Shinomiya, Yutaka Usui, Akiko Kaga, Makoto Nagta, Speaker to be confirmed
**Surfactant protein-D level as a predictor of prognosis of interstitial lung disease induced by anticancer agents in advanced lung cancer**
Motoyasu Kato, Shinichi Sasaki, Takehito Shukuya, Yasuhiro Sekimoto, Hiroaki Ihara, Ryo Koyama, Naoko Suimada, Osamu Nagashima, Fumiyuki Takahashi, Shigeru Tominaga, Kazuhsia Takahashi, Speaker to be confirmed

**Inhaled sargramostim and whole lung lavage (WLL) as therapy of autoimmune pulmonary alveolar proteinosis (aPAP)**
Ilaria Campo, Francesca Mariani, Elena Paracchini, Zamir Kadija, Michele Zorzetto, Carmine Tinelli, Giuseppe Rodi, Federica Meloni, Matthias Greise, Bruce Trapnell, Gerhard Scheuch, Bernhard Muellinger, Maurizio Luissetti, Speaker to be confirmed

**Whole lung lavage therapy (WLL) of pulmonary alveolar proteinosis (PAP): A global survey of current practices and procedures**
Ilaria Campo, Maurizio Luissetti, Matthias Greise, Bruce C. Trapnell, Francesco Bonella, Jan Grutters, Koh Nakata, Coline Van Moorsel, Ulrich Costabel, Vincent Cottin, Toshih Ichiwata, Yoshikazu Inoue, Antonio Braschi, Giacomo Bonizzi, Giorgio Iotti, Carmine Tinelli, Giuseppe Rodi, WLL International Study Group, Speaker to be confirmed

**Short-term variation of lung function and airway inflammation in children and adolescents with bronchiolitis obliterans**
Martin Rosewich, Jonas Eckrich, Felix Michel, Ralf Schubert, Stefan Zielen, Speaker to be confirmed

**Establishment of the consecutive registration system for pulmonary alveolar proteinosis in Japan: Updated incidence, prevalence and surveillance for intractable cases**

**Pulmonary function tests for lymphangioleiomyomatosis screening in women with tuberous sclerosis complex**
Fabiano Di Marco, Silvia Terraneo, Giuseppina Palumbo, Gianluca Imeri, Francesca La Briola, Silvia Tresoldi, Angela Volpi, Lorenzo Gualandri, Filippo Ghelma, Rosa Maria Alfano, Emanuele Montanari, Alfredo Borio, Elena Lesma, Angela Peron, Maria Paola Canevini, Stefano Centanni, Speaker to be confirmed

**Lymphangioma in patients with pulmonary lymphangioleiomyomatosis – Results of sirolimus treatment**
Elzbieta Radzikowska, Katarzyna Biesinska-Przerwa, Paulina Jagus, Elzbieta Wiatr, Joanna Chorostowska-Wynimko, Kazimier Roszkowski-Slij, Speaker to be confirmed

**Inhaled G M -CSF in pulmonary alveolar proteinosis (PAP) patient refractory to plasmapheresis combined with multiple whole lung lavages (WLL)**
Francesca Mariani, Ilaria Campo, Elena Paracchini, Davide Pilone, Zamir Kadija, Michele Zorzetto, Annalisa De Silvestri, Carmine Tinelli, Federica Meloni, Maurizio Luissetti, Speaker to be confirmed

**Inhaled rhG M -CSF (molgramostim) in the first randomised, double-blind, placebo-controlled, international trial in patients with autoimmune alveolar proteinosis (aPAP)**
Francesco Bonella, Yoshikazu Inoue, Inge Tarnow, Cecilia Ganslandt, Mette Vinge, Kim Arvid Nielsen, Cliff Morgan, Speaker to be confirmed

**Serum biomarkers as prognostic factors of autoimmune pulmonary alveolar proteinosis after whole lung lavage**
Chikatoshi Sugimoto, Toru Arai, Akiko Matsumuro, Masaki Hirose, Youhei Kimura, Shinji Futami, Taro Koba, Shoko Sonobe, Sayoko Tokura, Keiko Nakao, Syojiro Minomo, Tomoko Kagawa, Yasushi Inoue, Yoshikazu Inoue, Speaker to be confirmed

**Family history of pneumothorax leading to Birt-Hogg-Dubé syndrome diagnosis**
Agisilaos Dervas, Dimosthenis Papapetrou, Amerini Dimitrakopoulou, Dimitri Tcherinitcho, Caroline Kannengiesser, Raphael Borie, Demosthenes Bouras, Spyros Papiris, Effrosyni Manali, Speaker to be confirmed

**Bagpipe lung; a new type of interstitial lung disease?**
Jenny King, Nazia Chaudhuri, Jayne Holme, Paul Bishop, Anne-Marie Quinn, Speaker to be confirmed

**Eosinophilic lung disease**
Samira Aouadi, Boutheina Melki, Emna Braham, Houda Gharsalli, Sonia Ma lej, Leila Douik Elgharbi, Speaker to be confirmed
Environmental exposures in 513 patients of hypersensitivity pneumonitis: Prospective ILD India registry
Sheetu Singh, Bridget Collins, Bharat Bhushen Sharma, Jyotsana M. Joshi, Deepak Talwar, Sandeep Katiyar, Nishtha Singh, Lawrence Ho, Jai Kumar Samaria, Parthasarathi Bhattacharya, Rakesh Gupta, Sudhir Chaudhari, Tejraj Singh, Vijay Moond, Sudhakar Pipavath, Jitesh Ahuja, Ravindran Chetabh, Alok G. Ghoshal, Nirmal Kumar Jain, H.J. Gayathri Joshy, Surya Kant, Parvaiz Koul, Raja Dhar, Rajesh Swannkar, Surendra K. Sharma, Dhrubajyoti Roy, Kripesh R. Sarmah, Bhavin Jankharia, Rodney A. Schmidt, Virendra Singh, Ganesh Raghu, Speaker to be confirmed

Rare cause of interstitial lung disease in children: Pleuroparanchymal fibroelastosis
Nilay Bas Ikizoglu, Emine Atag, Ela Erdem Eralp, Yasemin Goldemir, Gursu Kiyan, Fazilet Karakoc, Refika Ersu, Bulent Karadag, Speaker to be confirmed

Bronchopulmonary dysplasia in children: Prediction and prevention of the mortality at first year
Olga Logvinova, Ganna Senatorova, Alexandr Onikienko, Ekaterina Logvinova, Speaker to be confirmed

Mycophenolate mofetil and azathioprine in chronic hypersensitivity pneumonitis
Julie Morisset, Kerri A. Johannson, Eric Vittinghoff, Brett M. Elicker, Kirk D. Jones, Bruno-Pierre Dubé, Harold R. Collard, Christopher J. Ryerson, Brett Ley, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: ILD: from bench to bedside

Interaction between mitochondrial ROS and ER stress on PHMG-induced pulmonary fibrosis
Yong Chul Lee, So Ri Kim, Dong Im Kim, Soon Ha Kim, Speaker to be confirmed

CHI-91040, a novel inhaled p38 inhibitor, counteracts lung inflammation induced by IL-1 in the rat
Cataldo Martucci, Annalisa Murgo, Valentina Bagnacani, Giancarlo Aquino, Mary Fitzgerald, Harry Finch, Craig Fox, Chiara Carnini, Riccardo Patacchini, Maurizio Civelli, Gino Villetti, Speaker to be confirmed

Mesenchymal stem cells isolated from fibrotic human lung tissue inhibit collagen expression by lung fibroblasts
Petra Khan, Amiq Gazdhar, Spasenija Savic, Michael Tamm, Didier Lardinois, Michael Roth, Thomas Geiser, Katrin Esther Hostetler, Speaker to be confirmed

Phenotype heterogeneity in a familial ”brain lung thyroid syndrome” related to a novel NKX-2.1 mutation
Nadia Nathan, Raphaë 1 Borie, Sophie Jovien, Diane Doummar, Malek Louha, Julie Beucher, Mé Ianie Henriet, Estelle Breton, Annick Clement, Speaker to be confirmed

IL-6 and IL-8 in stable and exacerbated IPF patients and their association to outcome
Ioannis Tomos, Efrosyni Manali, Anna Karakatsani, Aris Spathis, Ioanna Korbila, Antonis Analitis, Petros Karakitsos, Spyros Papiris, Speaker to be confirmed

Role of dendritic cells in pulmonary fibrosis in mice
Meritxell Tort Tarres, Regina Maus, Jennifer Stolper, Franziska Aschenbrenner, Tobias Welte, Jack Gauldie, Martin Kolb, Ulrich A. Maus, Speaker to be confirmed

mRNA expression of YY1, TNF-α, TGF-β in lung samples gained by transbronchial biopsies (TBB) in patients with different interstitial lung diseases (ILDs)
Peter Paluch, Martina Kolbekova, Martina Sterclova, Ondrej Vlkicky, Irena Brabcova, Jelena Skibova, Martina Vasakova, Speaker to be confirmed

Targeting pyruvate kinase M2 isoform inhibits proliferation of human lung fibroblasts
Ellen Forty, Paul Mercer, Dimitrios Anastasiou, Rachel Chambers, Speaker to be confirmed

Circulating monocytes from interstitial lung disease patients show an activated phenotype
Flavia Greiffo, Isis Fernandez, Marion Frankenberger, Juergen Behr, Oliver Eickelberg, Speaker to be confirmed

Cytofluorimetric BAL cells characterization in IPF and in other ILD
Ermanno Puxeddu, Daniela Fraboni, Floriana Bardaro, Francesco Bucciono, Gabriella Lucà, Paola Rogliani, Speaker to be confirmed

The expression of hippo effector YAP is correlated with the grade of fibrosis and steroid responsibility of NSIP
Chaeuk Chung, Dong Il Park, Sun Young Kim, Ju Ock Kim, Hee Sun Park, Jae Young Moon, Jeong Eun Lee, Speaker to be confirmed
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<td>Greta Jacobsen, Grainne O’ Brien, Pauline McFarlane, Nik Hirani, Gareth Stewart</td>
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<td><strong>Evaluation of laryngopharyngeal reflux in patients with interstitial lung disease (ILD) by a pharyngeal pH-probe</strong></td>
<td>Eva Brunnemer, Ute Oltmanns, Stella Piel, Felix Herth, Michael Kreuter</td>
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<td><strong>Correlation of high resolution CT patterns to pulmonary function tests in patients with interstitial lung diseases</strong></td>
<td>Khaled Hussein, Lamiaa Shaban, Ehab Mohamed</td>
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<td><strong>Clinical characteristics of patients with Idiopathic pulmonary fibrosis in a tertiary care center of a developing country</strong></td>
<td>M. Sajjad Sarwar, Ali B.S. Zubairi, Muhammad Irfan, Talha Shahzad, Aamir Abbas</td>
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<td><strong>Investigation of KL-6 levels in patients with IPF- OSA overlap syndrome: Preliminary results</strong></td>
<td>Stylianos Michelakis, Eliza Tsitoura, Izoldi Bouloukaki, Violeta Moniaki, Niki Malliaraki, Giorgos Papadogiannis, Stavroula Varda, Dimitrios Georgopoulous, Nikos Tzanakis, Sophia E. Schiza, Katerina Antoniou</td>
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<td><strong>The physical and psychological needs of patients with idiopathic pulmonary fibrosis</strong></td>
<td>Tim Sutherland, Paul Beirne, Ann Boardman, Alison Bolton, Susie Gillon, Jane Slough</td>
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<td><strong>Health care system resource utilisation in patients with idiopathic pulmonary fibrosis</strong></td>
<td>Sarah Szardien, Boglarka Szentes, Sabine Witt, Eva Brunnemer, Larissa Schwarzkopf, Beate Schaufler, Felix Herth, Michael Kreuter</td>
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<td><strong>End-of-life care in in-patients dying from pulmonary fibrosis</strong></td>
<td>Beth Turnpenny, Jordan Sudworth, Alexander Gallagher, Jenny Wiseman, Abdul Ashish</td>
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<td><strong>Interims analysis of the EXCITING-ILD registry (registry for exploring clinical and epidemiological characteristics of interstitial lung diseases)</strong></td>
<td>Michael Kreuter, Felix J.F. Herth, Margarethe Wacker, Peter Hammerl, Conrad Wiederhold, Reiner Leidl, Andreas Hellmann, Michael Pfeifer, Jürgen Behr, Sabine Witt, Dagmar Kauschka, Marcus Mall, Andreas Günter, Philip Markart</td>
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<td><strong>Exacerbations of bronchiectasis: Etiology and outcome</strong></td>
<td>Besma Hamdi, Iness Moussa, Anissa Berreais, Ameni Touil, Jamel Ammar, Agnes Hamzaoui</td>
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<td><strong>Cryptogenic organizing pneumonia - Results of treatment with clarithromycin versus corticosteroids</strong></td>
<td>Elzbieta Radzikowska, Elzbieta Wiatr, Dariusz Gawryluk, Renata Langfort, Iwona Bestry, Piotr Rudzinski, Ewa Szczepulska-Wójcik, Kazimierz Roszkowski-Sliz</td>
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<tr>
<td><strong>Usefulness of serum bird specific antibody levels in patients with interstitial pneumonia</strong></td>
<td>Ryo Itotani, Reina Takashima, Satoshi Marumo, Minoru Sakuramoto, Motonari Fukui</td>
<td>confirmed</td>
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<tr>
<td><strong>Sirolimus induced diffuse alveolar hemorrhage: A case report</strong></td>
<td>Baran Balcan, Ergun Simsek, Aylin Ozsancak Ugurlu, Ebru Demiralay, Sevgi Sahin</td>
<td>confirmed</td>
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<td><strong>Inspiration plus: baseline characteristics of the canadian registry for IPF patients on pirfenidone</strong></td>
<td>Francois Sincholle, Martin Kolb, Helene Manganas, Rabea El Keeb, Marc Newton, Neerav Monga</td>
<td>confirmed</td>
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<tr>
<td><strong>Emphysematous changes in chronic hypersensitivity pneumonitis: A retrospective analysis of 12 patients</strong></td>
<td>Mishbah Baqir, Jay H. Ryu</td>
<td>confirmed</td>
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<tr>
<td><strong>Chronic lung disease in two patients with new integrin alpha3 gene mutations</strong></td>
<td>Andrea Farolfi, Giulia Cammi, Alessandra Zenga, Salvatore Zirpoli, Luigina Spaccini, Gian Vincenzo Zuccotti</td>
<td>confirmed</td>
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</tbody>
</table>
Interstitial lung disease caused by filamin A gene mutations: Clinical course of three paediatric cases
Julia Carlens, Timothy Price, Eva Bültmann, Florian Langer, Ulrike Hehr, Matthias Griese, Gesine Hansen, Nicolaus Schwerk, Speaker to be confirmed

Severe lung injury due to chronic volatile hydrocarbon (VHC) inhalation in an adolescent
Despina-Zoe Mermiri, Athina Papadopoulou, Efstratios Xristianakis, Christos Plataras, Marios Konstantinou, Gaitanakis Stelios, Theophanis Tsiligiannis, Speaker to be confirmed

Pulmonary embolism (PE) in amiodarone-induced pulmonary toxicity (AILT)
Galina P. Orlova, Valentina P. Zolotnitskaya, Aleksandra A. Speranskaya, Natalya S. Yakovleva, Speaker to be confirmed

The relationship between nonalcoholic fatty liver disease and pulmonary function: KNHANES (Korean national health and nutrition examination survey 2008–2011)
Shin young Kim, Kyung do Han, Hyoungh Kyo Yoon, Sei Won Kim, Taijoon An, Speaker to be confirmed

Idiopathic fibrosing alveolitis functional respiratory disorders in children
Iulia Rodoman, Svetlana Sciuca, Aliona Cotoman, Rodica Selevestru, Liubov Neamtu, Speaker to be confirmed

Effect of pirfenidone in patients with acute exacerbation of interstitial pneumonia
Takuma Matsumura, Kenji Tsushima, Mitsuhiro Abe, Akana Matsumura, Kazutaka Yamagishi, Ichimura Yasunori, Jiro Terada, Yuji Tada, Seichiroyu Sakao, Koichiro Tatsumi, Speaker to be confirmed

Treatment response in hypersensitivity pneumonitis
Maria Laura Alberti, Francisco Paulin, Martin Eduardo Fernandez, Fabian Matin as Caro, Speaker to be confirmed

Rare association of organising pneumonia with pure red cell aplasia
shruthi Konda, Betty Cheung, Lola Loewenthal, Raminder Aul, Speaker to be confirmed

Factors predicting resolution in nitrofurantoin-induced lung disease
Andrew Creamer, Rezaur Abdollah, Ayesha Jameel, Sam Hare, Rama Vancheeswaran, Speaker to be confirmed

Idiopathic plastic bronchitis and relapsing chylothorax
Ina Haasler, Filiz Oezkan, Stephanie Werther, Kaid Darwiche, Helmut Teschler, Speaker to be confirmed

Pirfenidone treatment in patients with bronchiolitis obliterans syndrome following allogeneic hematopoietic stem cell transplantation
Katrin Esther Hostettler Haack, Jörg Halter, Michael Tamm, Speaker to be confirmed

Computed tomography patterns in patients with cytotoxic drug-induced pulmonary toxicity
Hiroki Umezawa, Yusuke Naito, Jiro Terada, Kenji Tsushima, Koichiro Tatsumi, Speaker to be confirmed

Thematic Poster: Screening, diagnosis, assessment and treatment of COPD in primary care

12:50 - 14:40

The economic burden of COPD in a Swedish cohort: The ARCTIC study
Karlin Lisspers, Kjell Larsson, Gunnar Johansson, Christa Janson, Madlaine Costa-Scharplatz, Jean-Bernard Gruenberger, Milica Uhde, Leif Jorgensen, Patrik Sobocki, Björn Stålborg, Speaker to be confirmed

Clinical and economic factors associated with spirometry-diagnosed COPD in the Swedish ARCTIC study
Gunnar Johansson, Kjell Larsson, Björn Stålborg, Karlin Lisspers, Petter Olsson, Jean-Bernard Gruenberger, Leif Jorgensen, Patrik Sobocki, Christa Janson, Speaker to be confirmed

Large ethnic differences in COPD prevalence - The role of smoking intensity
Alexander Gilkes, Patrick T. White, Stevo Burbaba, Peter Schofield, Mark Ashworth, Rohini Mathur, Sally Hull, Speaker to be confirmed

Medical and demographic loss of population due to chronic obstructive pulmonary disease
Fedor Malykhin, Alesya Khripunova, Speaker to be confirmed

Predicting risk of undiagnosed COPD in primary care: Development and validation of the TargetCOPD model
Shamil Haroon, Peymane Adab, Richard Riley, David Fitzmaurice, Rachel Jordan, Speaker to be confirmed
COPD-6 mini-spirometer: Feasible for early detection of COPD in general practice?
Peter Kjeldgaard, Jesper Lykkegaard, Heidi Spillemose, Charlotte Suppli Ulrik, Speaker to be confirmed

"Don’t get me wrong, I think case finding is okay" Exploring healthcare professionals' perspectives on target case-finding for COPD
Taniya Sharmeen, Rachael Summers, Carla Astles, Kate Gillett, Kate Lippiett, Mark Stafford-Watson, Anne Bruton, Mike Thomas, Tom Wilkinson, Speaker to be confirmed

Extent and impact of late vs early stage COPD diagnosis in the Swedish ARCTIC study
Kjell Åke Larsson, Christer Janson, Björn Stålberg, Karin Lisspers, Petter Olsson, Konstantinos Kostikas, Milica Uhde, Leif Jorgensen, Patrik Sobocki, Gunnar Johansson, Speaker to be confirmed

We provided patients with patients oriented diagnosis and treatment advice from their lung assessments using an algorithm. It was feasible and in general well appreciated by our patients
Esther Metting, Joy van den Berg, Ellen van Heijst, Janwillem Kocks, Thys van der Molen, Speaker to be confirmed

The importance of the caregivers' overload in COPD patients with several admission at our hospital. The other side of the story
Ana Jaureguizar Oriol, Maria Alejandra Galarza Jimenez, Sagrario Mayoralas Alises, Salvador Díaz Lobato, Rosa Gómez García, Speaker to be confirmed

Plain chest x-ray (CXR) in the diagnosis of chronic obstructive pulmonary disease (COPD)
Elizabeth Pudney, Martin Doherty, Speaker to be confirmed

Prevalence and characteristics of low oxygen saturation (SpO2) in a primary care COPD cohort
Alexandra Enocson, Rachel Jordan, Peymane Adab, Andy Dickens, David Fitzmaurice, Speaker to be confirmed

Use of spirometry in family practice in Canada; results of a nationwide survey
Alan Kaplan, Suzanne Levitz, Speaker to be confirmed

Spirometry is not enough to make clinical diagnosis of COPD
Elena Andreeva, Marina Pokhaznikova, Anatoly Lebedev, Irina Moiseeva, Olga Kuznetsova, Jean-Marie Degryse, Speaker to be confirmed

Comparison of modified medical research council scale and COPD assessment test in subjects with COPD
Virginia Moya Alvarez, Cristina Navarro Jimenez, Elisa Mincholé Lapuente, Ana Boldova Ljscertales, José María Trigo, Speaker to be confirmed

The assessment of burden of COPD (ABC) tool: What counts most?
Maureen Rutten-van Molken, Lucas Goossens, Bas Donkers, Elly Stolk, Marcel Jonker, Melinde Boland, Annerika Slok, Niels Chavannes, Huib Kerstjens, Thys Van der Molen, Guus Asjije, Richard Dekhijzen, Sebastiaan Holverda, Philippe Salomé, Johannes In ’t Veen, Onno Van Schayck, Speaker to be confirmed

Symptomatic assessment in COPD GOLD 2011 classification - mMRC/CAT agreement
Daniela Rodrigues, Maria Antónia Galego, Ana Paula Vaz, Inês Neves, Joanna Amado, Sílvia Correia, Speaker to be confirmed

Improving valved holding chamber (VHC)-face mask fit and function, and patient acceptability
Mark Sanders, Ronald Bruin, Speaker to be confirmed

Critical steps: An evaluation of critical handling errors with DPI use in Greece
Demosthenes Bouros, Mina Evangeliou, Speaker to be confirmed

Incorrect inhaler technique is common in patients with COPD – Data from the TIE study
Johanna Sulku, Marieann Högman, Björn Stålberg, Andrei Malinovschi, Karin Lisspers, Elisabet Nielsen, Håkan Melhus, Hirsh Koyi, Margareta Hammarlund-Udenaes, On Behalf of the TIE-Study Group, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Targeting care, pulmonary rehabilitation, management and self-management of COPD exacerbations in primary care

ICS and risk of pneumonia in Swedish COPD patients: The ARCTIC study
Christer Janson, Gunnar Johansson, Björn Stålberg, Karin Lisspers, Petter Olsson, Dorothy Keininger, Leif Jorgensen, Patrik Sobocki, Kjell Larsson, Speaker to be confirmed
COPD guides and inhaled corticosteroids. Is there an adequate use in primary care?
Sara-Anna Davies Daunas, Xavier Flor-Escriche, Sílvia Álvarez-Álvarez, Maria-Victòria Feijóo o-Rodríguez, Laia Lamarca-Fornell, Speaker to be confirmed

Change in COPD cases having QoF reviews in KSS region, UK
Jo Congleton, Julia Bott, Speaker to be confirmed

A description of the management of patients with COPD in the primary care setting of Antwerp
Glenn Leemans, Lisa Billion, Laura Timmerman, Charlotte Adriaensen, Benjamin Block, Kris Ides, Dirk Vissers, Willfried De Backer, Paul Van Royen, Speaker to be confirmed

Is primary care review of COPD adequate?
Ananna Rahman, Abigail Moore, Duncan Powrie, Speaker to be confirmed

Predictive factors for exacerbation and re-exacerbation in COPD: Results from the Swiss COPD cohort

Clinical characteristics of patients with frequent COPD exacerbations in a Swiss multicenter COPD cohort study (TOPDOCS)
Simona Henny, Thomas Dieterle, Thomas Brack, Martin Brutsche, Christian Clarenbach, Sarosh Irani, Martin Frey, Noriane Sievi, Robert Thurnheer, Malcom Kohler, Jörg Leuppi, Speaker to be confirmed

Hazardous levels of PM2.5 (particulate matter less than 2.5 microns in mean aerodynamic diameter) are emitted during burning of individual firecrackers in India
Sneha Limaye, Rohan Shah, Dhammasagar Ujagare, Jyoti Londhe, Sapna Madas, Sundeep Salvi, Speaker to be confirmed

Self-management in COPD: How well are patients trained and what actions do they conduct in practice?
Anja Frei, Tsung Yu, Gerben Ter Riet, Sarah Crook, Kaba Dalla Lana, Milo Puhan, Claudia Steurer-Stey, Speaker to be confirmed

Using a mobile app to motivate exercise in persons with COPD: A mixed method study
Ann-Britt Zakrisson, Terese Anerö, Gabriella Eliason, Anette Forsberg, Speaker to be confirmed

Disease terminology: Communication gap between pulmonologists and patients
Virendra Singh, Nirmal Kumar Jain, Nishtha Singh, Sheetu Singh, Speaker to be confirmed

A longitudinal qualitative study of nurse-led telephone health coaching for COPD
Amy Blakemore, Liz Baker, Manbinder Sidhu, Kate Jolly, Peter Coventry, Speaker to be confirmed

The clinical and economic impact of the combined interventions of telehealth, specialist respiratory nursing care and health coaching interventions for COPD admissions within an urban setting
Sudip Ghosh, Noel O’Kelly, Emma Jane Roberts, Chris Barker, Jim Swift, Speaker to be confirmed

Exploring the impact of adding a respiratory dimension to the current EQ-5D descriptive system
Martine Hoogendoorn, Mark Oppe, Elly Stolk, Melinde Boland, Lucas Goossens, Maureen Rutten-van Molkken, Speaker to be confirmed

The relation between personality traits and health status of patients with COPD
Harma Alma, Corina de Jong, Doede Joustra, Janwillem Kocks, Thys van der Molen, Speaker to be confirmed

COPD medication adherence and quality of life
Melinde Boland, Job van Boven, Annemarie Kruis, Niels Chavannes, Thys Van der Molen, Lucas Goossens, Maureen Rutten-van Molken, Speaker to be confirmed

Peak inspiratory flow evaluation in different stages’ COPD patients using in-check method (INSPIRE STUDY)
Eleftherios Zervas, Kalomoiria Petrocheilou, Paschalina Tsopa, Mina Evangelion, Aikaterini Athanassiou, Speaker to be confirmed

Multidisciplinary rehabilitation in COPD
Josefin Sundh, Helena Lindgren, Mikael Hasselgren, Scott Montgomery, Christer Janson, Björn Ståhlberg, Karin Lisspers, Speaker to be confirmed

A qualitative study on the development of pulmonary rehabilitation for patients with chronic lung disease in Kampala, Uganda
Jillian Pooler, Herbert Muyinda, Grace Nyakoojo, Richard Kasita, Bruce Kirenga, Rupert Jones, Wincey Katagira, Speaker to be confirmed

ERS International Congress 2016
DETAILED PROGRAMME
TUESDAY 06 SEPTEMBER, 2016

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Lay health workers in pulmonary rehabilitation—recruitment and training of COPD patient volunteers
Gill Gilworth, Rachel Tuffnell, Lauren Hogg, Stephanie J.C. Taylor, Simon Lewin, Nicholas S. Hopkinson, Alison J. Wright, Patrick White, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Airway response to infection
Chairs:

What is the optimal sampling technique for assessing the microbiota with bronchoscopy?
Rune Grot, Christine Drengen, Øistein Svanes, Gunnar Husebo, Sverre Lehmann, Harald Wiker, Per Bakke, Ingvild Haaland, Yaxin Xue, Inge Jonassen, Eli Nordeide, Tomas Eagan, Speaker to be confirmed

Influenza A virus causes vascular endothelial cell oxidative stress via NOX2 oxidase
Keshia Hendricks, Eunice To, Ross Vlahos, Brad Broughton, Hitesh Peshavariya, Stavros Selemidis, Speaker to be confirmed

Expression of X chromosome-linked TLR4 signalling molecules in female versus male neonatal cord blood
David O’Driscoll, Paul McKiernan, Chiara de Santi, Victoria McEnaeaeney, Molloy Eleanor, Catherine Greene, Speaker to be confirmed

Genome-wide chromatin profiling of legionella pneumophila-infected human macrophages reveals activation of the pro-bacterial host factor TNFAIP2
Ilona DuBois, Annalisa Marsico, Wilhelm Bertrams, Michal Schweiger, Brian Caffrey, Alexandra Sittka-Stark, Martin Eberhardt, Julio Vera, Martin Vingron, Bernd Schmeck, Speaker to be confirmed

Human eosinophil toll-like receptor 7-induced nitric oxide is antiviral against parainfluenza
Matthew Drake, Becky Proskocil, Zhenying Nie, Fryer Allison, Jacoby David, Speaker to be confirmed

A. fumigatus and the bronchial epithelium - A permissive relationship?
Gemma Hayes, Nicola Overton, Sara Gago, David Denning, Paul Bowyer, Speaker to be confirmed

A new model for analysis of chronic bronchial interleukin-8 expression
Rosemary J. Boyton, Kathryn Quigley, Catherine Reynolds, Michael Poidinger, Daniel Altmann, Rosemary Boyton, Speaker to be confirmed

Differentiation of macrophages with cigarette smoke extract alters bacterial phagocytosis
Adam Loveridge, Peter Barnes, Louise Donnelly, Speaker to be confirmed

Colonial stimulating factors cannot correct defective phagocytosis in COPD lung tissue macrophages
Jessica Tilman, Peter Barnes, Louise Donnelly, Speaker to be confirmed

Interactions of BPIFA1 and BPIFB1 with S. aureus
Chloe Marshall, Lynne Bingle, Colin Bingle, Speaker to be confirmed

Cytokine production of leukocytes in response to respiratory syncytial virus is suppressed by cigarette smoking and in COPD
Sarah Yanik, Max Liedtke, Marleen Zickfeld, David Jungck, Thomas Grunwald, Matthias Tenbusch, Andrea Koch, Jürgen Knobloch, Speaker to be confirmed

Alveolar macrophage in protracted bacterial bronchitis
Alice Chen, Olga Pena, Hanno Nel, Susan Pizzuto, Helen Petsky, Samantha Gardiner, Stephanie Yerkovich, Katie Baines, Peter Gibson, Greg Hodge, Sandra Hodge, Helen Buntain, Anne Chang, John Upham, Speaker to be confirmed

Differential effects of budesonide and fluticasone propionate on bacterial recognition receptors in COPD macrophages
Karim Provost, Miyuki Smith, Anna Miller-Larsson, Gregory Gudleski, Sanjay Sethi, Speaker to be confirmed

Upregulation of CCL5 production in the airway epithelium at the time of the viral infection
Mitsuru Sada, Masato Watanabe, Toshyia Inui, Keitaro Nakamoto, Masuo Nakamura, Hirotaka Matsuzaki, Yasuhiro Yamauchi, Hajime Takizawa, Speaker to be confirmed

Assessment of the effects of tocilizumab, adalimumab and steroid in LPS induced acute lung inflammation
Nurhan Sarioğlu, Fatma Bahar Sunay, Oğuzhan Korkut, Fuat Erel, Adnan Adil Hismiogullari, Mehmet Köse, Speaker to be confirmed
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Speaker to be confirmed</th>
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<tbody>
<tr>
<td>Identification of novel pathogenic mechanisms triggered by arginase activation in patients with COPD</td>
<td>Marcel José Rodríguez Guzman, Felipe Villar Álvarez, Cristina Serrano del Castillo, Miguel Ángel Palomero Rodríguez Guzman, Yolanda Laporta Báez, Germán Peces-Barba Romero</td>
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<td>Relationship of blood eosinophil count to exacerbations in COPD</td>
<td>Trung Tran, Michael Schatz, Wansu Chen, Ekaterina Sadikova, Qiaowu Li, Aniket A. Kawatkar, Deepak Khatri, Ubaldo Martin, Robert S. Zeiger</td>
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<td>microRNAs constitute a negative feedback loop in streptococcus pneumoniae induced macrophage activation</td>
<td>Kathrin Griss, Wilhelm Bertrams, Alexandra Sittka-Stark, Kerstin Seidel, Christina Stielow, Stefan Hippenstiel, Norbert Suttrop, Martin Eberhardt, Jochen Wilhelm, Julio Vera, Bernd Schneek, Speaker to be confirmed</td>
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<td>Laboratory contamination in airway microbiome studies</td>
<td>Christine Drengenes, Tomas Eagan, Harald Wiker, Ingvild Haaland, Eli Nordeide, Øistein Svanes, Gunnar Husebø, Sverre Lehmnan, Per Bakke, Rune Grønseth</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>D-tryptophan is a probiotic substance influencing the gut microbiome and in vitro Th2 differentiation</td>
<td>Sabine Bartel, Gregor Jatzlauk, Inge Kept, Juliano Fonseca, Constanze Müller, Katrin Milger, Kerstin Hochwind, Matea Kostric, Oliver Eickelberg, Michael Schelter, Anton Hartmann, Philipp Schmitt-Kopplin, Susanne Krauss-Etschmann</td>
<td>Speaker to be confirmed</td>
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**Thematic Poster: Studies in airway cell biology**

**Chairs:**

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<th>Title</th>
<th>Authors</th>
<th>Speaker to be confirmed</th>
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<tbody>
<tr>
<td>Regulation of actin dynamics by WNT-5A: Implications for human airway smooth muscle contraction</td>
<td>Tim Koopmans, Kuldeep Kumawat, Andrew Halayko, Reinoud Gosens</td>
<td>Speaker to be confirmed</td>
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<td>ASM behaviour following heating to a range of different temperatures</td>
<td>Ruth Saunders, Gavin Morris, Igor Chernyavsky, Rod Smallwood, Felicity Rose, Bindi Brook, Christopher Brightling</td>
<td>Speaker to be confirmed</td>
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<td>Glucocorticoid-induced transcriptional regulators in human airway cells and airways</td>
<td>Mahmoud Mostafa, Rider Christopher, Leigh Richard, Robert Newton</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>Effect of oxidative stress and rhinovirus infection on mitochondrial/endoplasmic reticular function in human primary bronchial epithelial cells</td>
<td>Peter Wark, Prabuddha Pathinyake, Alan Hsu, Kristy Parsons, Lisa Wood</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>Effects of beclomethasone and carbocysteine in histone acetylation/deacetylation processes of bronchial epithelial cells exposed to cigarette smoke</td>
<td>Elisabetta Pace, Serena Di Vincenzo, Maria Ferraro, Liboria Siena, Luigi Lanata, Federico Saibene, Mark Gjomarkaj</td>
<td>Speaker to be confirmed</td>
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<td>Comprehensive toll-like receptor stimulation and cytokine analysis in precision-cut lung slices</td>
<td>Marco Schlepütz, Elisabeth Waldmann, Cara Williams, Kirsten Arndt</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>IgA expression in peribronchial and lung follicular B cells from COPD patients</td>
<td>Maha Zohra Ladjemi, Marylène Lecoq, Chantal Fregimilicka, Caroline Bouzin, Monique Delos, Bruno Detry, Charles Pilette</td>
<td>Speaker to be confirmed</td>
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<td>Transcriptome analysis of the human airway epithelium during in vitro differentiation</td>
<td>Andrea Schamberger, Fien Verhamme, Michael Lindner, Jürgen Behr, Oliver Eickelberg</td>
<td>Speaker to be confirmed</td>
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<td>Polmynary epithelial barrier formation on biodegradable poly-L-lactic-acid ( PLLA ) membrane</td>
<td>Salvatore Montesanto, Franco Conforti, Natalie Smithers, Fabio Bucchieri, Valerio Brucato, Vincenzo La Carrubba, Donna Davies</td>
<td>Speaker to be confirmed</td>
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<td>Cigarette smoke alters the EZH2/DAB2IP expression in bronchial epithelial cells. A risk factor for lung cancer in COPD patients</td>
<td>Giulia Anzalone, Giuseppe Arcoleo, Angela Marina Montalbano, Rosalia Gagliardo, Fabio Bucchieri, Roberto Marchese, Caterina Di Sano, Loredana Riccobono, Liboria Siena, Giusy Daniela Albano, Mark Gjomarkaj, Anna Bonanno, Mirella Profita</td>
<td>Speaker to be confirmed</td>
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The activation of transient receptor potential melastatin 8 (TRPM8) receptors of bronchial epithelial cells induces airway inflammation in bronchial asthma
Dae Young Cheon, Joo-Hee Kim, Young-Suk Jang, Yong Il Hwang, Sunghoon Park, Dong-Gyu Kim, Seung-Hun Jang, Ki-Suck Jung, Speaker to be confirmed

Decreased PTEN amplifies PI3K signaling and enhances pro-inflammatory cytokine release in COPD
Satoru Yanagiasawa, Chaitanya Vuppusetty, Kazuhiro Ito, Peter J. Barnes, Speaker to be confirmed

Priming airway epithelial cells with transforming growth factor-beta recapitulates the biophysical properties of asthmatic cells
Jennifer Mitchel, Jacob Notbohm, James Butler, Jeffrey Fredberg, Jin-Ah Park, Speaker to be confirmed

Mitochondrial antioxidants decrease oxidative stress and inflammation induced bronchial epithelial cell line
Weerawon Thangboonjit, Peter Barnes, Andrew Durham, Ian Adcock, Speaker to be confirmed

Suppression of IFN-gamma-induced chemokines from bronchial epithelial cells by mycobacterium tuberculosis
Tetsuya Homma, Yosuke Fukuda, Hitomi Furukawa, Shintaro Suzuki, Hironori Sagara, Speaker to be confirmed

N-acetyl cysteine (NAC) intervention attenuates the effects of diesel and biodiesel emission exposure on human bronchial epithelial cells, 16HBE, at air-liquid interface
Annalia Vaughan, Svetlana Stevanovic, Mostafizur Rahman, Ali Zare, Branka Miljevic, Zoran Ristovski, Rayleen Bowman, Kwn Fong, Ian Yang, Speaker to be confirmed

Automated time-lapse analysis of ciliary function
Claire Jackson, Elizabeth C. Adam, David A. Johnston, Jane S. Lucas, Peter M. Lackie, Speaker to be confirmed

LSC Abstract – Alpha8 integrin deficiency alters branching morphogenesis and alveolarization during mouse lung development
Tiziana Patrizia Cremona, Johannes Schittny, Speaker to be confirmed

Effect of corticosteroids on epithelial cell response to non-typeable haemophilus influenzae
Jennifer Cane, Mona Bafadhel, Speaker to be confirmed

Thematic Poster: New signaling pathways in COPD
Chairs:

LSC Abstract - Multi-level differential network analysis of COPD exacerbations
Guillaume Noell, Borja García a-Cosío, Rosa Faner Canet, Teresa Caseras, Ignacio Coca, Eduard Monsó, German Peces-Barba, Alfredo de Diego, Cristobal Esteban, Joaquim Gea, Susana G. Kalko, Àlvar Agustí García-Navarro, Speaker to be confirmed

LSC Abstract - Association of single nucleotide polymorphisms located in miRNA binding sites with lung function
Elise De Smet, Mohsen Ghanbari, Lies Lahousse, Oscar Franco, Abbas Dehghan, Albert Hofman, Ken Bracke, Guy Brusselle, Speaker to be confirmed

Lung function decline in COPD in relation to MMP-12 and surfactant protein A
Annelie Behndig, Robert Linder, Jamshid Pourazar, Anne Lindberg, Anders Blomberg, Speaker to be confirmed

Myeloid derived suppressor cell-like fibrocytes are increased and associated with preserved lung function in COPD
Adam Wright, Chris Newby, Ruth Hartley, Vijay Mistry, Sumit Gupta, Rachid Berair, Katy Roach, Ruth Saunders, Tracy Thornton, Maria Shelley, Karen Edwards, Bethan Barker, Chris Brightling, Speaker to be confirmed

High fructose intake increases alveolar enlargement and muscle inflammation in mice exposed to cigarette smoke
Camila Suehiro, Alessandra Toledo-Arruda, Francine Almeida, Clarice Olivo, Manoel Oliveira Jr, Adlison Sousa, Rodolfo Vieira, Milton Martins, Chin Lin, Speaker to be confirmed
Age-dependent systemic elastin degradation is enhanced in chronic obstructive pulmonary disease
Jeffrey T.-J. Huang, Charlotte E. Bolton, Bruce E. Miller, Ruth M. Tal-Singer, Roberto RobinoVich, Colin Palmer, Neil Thomson, William MacNee, Speaker to be confirmed

Bronchial epithelial gene expression of NOX isoforms are related to important clinical characteristics in COPD
Richard Russell, Fay Hollins, Marie Soler Artigas, Anna Esteve-Codino, Gian Andri Thun, Chris Newby, Louise V. Wain, Martin D. Tobin, Simon Heath, Ivo Gut, Deepak Subramanian, Sumit Gupta, David Parr, Dave Singh, Loems Ziegler-Heitbrock, Chris Brightling, Speaker to be confirmed

Galectin-9 attenuates elastase-induced emphysema by reducing neutrophil chemotaxis in mice
Yuko Horio, Keisuke Kojima, Naoki Saita, Yohesi Migiyama, Aiko Masunaga, Hidenori Ichiyasu, Kazuhiho Fujii, Hirotsugu Kohrogi, Speaker to be confirmed

Non-canonical WNT-5A signaling attenuates endogenous lung repair in COPD
Hoeke Baarsma, Wioletta Skronska-Wasek, Kathrin Mutze, Florian Ciolek, Gerrit John-Schuster, Ron Smits, Ali Önder Yildirim, Melanie Kö nigshoff, Speaker to be confirmed

The effects of endogenous and exogenous vitamin D on the rate of mature elastin degradation in COPD patients
Rob Janssen, Ruben Zaai, Michiel Spanbroek, Jody van den Ouweland, Pieter Zanen, Richard Dekhuijzen, Wim Janssens, Speaker to be confirmed

Evidence of renal and pulmonary endothelial dysfunction in chronic obstructive pulmonary disease (COPD)
Francesca Polverino, Maria Laacho-Contreras, Vanesa Bijol, Victor Pinto-Plata, Miguel Divo, Mary Choi, Lynette Sholl, Hans Petersen, Yohannes Tesfaigzi, Bartolome Celli, Caroline Owen, Speaker to be confirmed

Preclinical studies of mesenchymal stem cell (MSC) transplantation in chronic obstructive pulmonary disease (COPD): A systematic review and meta-analysis
Hui Jung Kim, Xiangde Liu, Speaker to be confirmed

Increased uptake of haemophilus influenzae by primary airway epithelial cells from COPD patients
Peter Fenwick, Peter J. Barnes, Louise Donnelly, Speaker to be confirmed

The novel compound Sul-121 inhibits inflammation in experimental models of chronic obstructive pulmonary disease
Martina Schmidt, Bing Han, Harm Maarsingsh, Speaker to be confirmed

Hyaluronic acid as a novel systemic biomarker to predict progression and severity in chronic obstructive pulmonary disease
Eleni Papakonstantinou, Ioannis Bonovolias, George Karakiulaklis, Michael Roth, Michael Tamm, Lucas Boeck, Andreas Scherr, Janko Rakic, Renaud Louis, Branislava Milenkovic, Wim Boersma, Konstantinos Kostikas, Francesco Blasi, Joachim Aerts, Gernot Rohde, Alicia Lacoma, Antoni Torres, Tobias Welte, Daiana Stolz, Speaker to be confirmed

Cryptotanshinone attenuates airway inflammation induced by cigarette smoke in mice
Yanqiu Wu, Yongchun Shen, Xue Zhang, Hao Wang, Fuqiang Wen, Speaker to be confirmed

The role of monoterpenes derived from essential oils in lung alteration in a model of emphysema
Ellen Pereira, Marina Guerreiro, Fernanda Santana, Natalia Pinheiro, Tabata Capello, Fernanda Lopes, Clarice Olivo, Iolanda Tibrio, Milton Martins, João Lago, Carla Prado, Speaker to be confirmed

Effect of mast cells degranulation blockade on the inflammatory response outcome in the COPD model
Elena S. Lebedeva, Natalia A. Kuzubova, Olga N. Titova, Ivetta V. Dvorakovskaya, Elena A. Surkova, Speaker to be confirmed

Targeting the mTOR signaling pathway to inhibit lung cell senescence in COPD
Amal Houssaini, Kanny Kebe, Marielle Breu, Elisabeth Marcos, Shariq Abid, Dominique Rideau, Jin Huang, Aya Attwe, Emilie Bizard, Pierre Validire, Bernard Maitre, Valerie Amsellem, Silke Meiners, Serge Adnot, Speaker to be confirmed

LSC Abstract - microRNA profiling reveals a role for microRNA-218-5p in the pathogenesis of chronic obstructive pulmonary disease
Griet Conickx, Pieter Westdagh, Francisco Avila Cobos, Fien Verhamme, Tania Maes, Bart Vanaudenaerde, Lies Lahousse, Guy Joos, Jo Vandesompele, Ken Bracke, Guy Brusselle, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Common mechanisms in lung development and fibrosis
Chair:
A role for the accessory type III transforming growth factor receptor (Tgfbr3) in lung alveolarisation
Agnieszka Pozarska, Gero Niess, Werner Seeger, Rory Morty, Speaker to be confirmed

Refinement of the hyperoxia-based experimental mouse model of bronchopulmonary dysplasia
Claudio Nardiello, Ivana Mizíková, Jordi Ruiz-Camp, Werner Seeger, Rory Morty, Speaker to be confirmed

Optimising the delivery of antagomiRs to the neonatal mouse lung
Jonas Höhög, Ivana Mizíková, Claudio Nardiello, Werner Seeger, Rory Morty, Speaker to be confirmed

Assessing the impact of parenteral caffeine administration on experimental bronchopulmonary dysplasia
Philipp Rath, Claudio Nardiello, David Surate, Werner Seeger, Rory Morty, Speaker to be confirmed

Generation of an immortalized functional alveolar epithelial cell line originating from human induced pluripotent stem cells
Luca Tamo, Youssef Hibaoui, Sampada Kallol, Marco Alves, Christiane Albrecht, Anis Feki, Amiq Gazdhar, Thomas Geiser, Speaker to be confirmed

LSC Abstract – Activation of FGF9 and 18 in idiopathic pulmonary fibrosis promote survival and migration and inhibit myofibroblast differentiation of human lung fibroblasts
Audrey Joannes, Madeleine Jallet, Arnaud Mailleux, Bruno Crestani, Speaker to be confirmed

Therapeutic efficacy of a novel LPA1 receptor antagonist, UD-009, in a bleomycin-induced pulmonary fibrosis model
Kenji Nishikawa, Eiji Okanari, Yuuko Shinohara, Hironobu Matsunaga, Hiroshi Nishida, Noriaki Iwase, Shigeru Ushiyama, Speaker to be confirmed

Fibroblast growth factor 9 (FGF9) modulates mesothelial cells plasticity to decrease differentiation and migration in vitro
Audrey Joannes, Aurélien Justet, Philippe Bonniaud, Jean Michel Sallenave, Bruno Crestani, Arnaud Mailleux, Speaker to be confirmed

MiRNA-200b inhibits epithelial-mesenchymal transition in TGF-β induced human bronchial epithelial cells
Shameem Sultanali Ladak, Chris Ward, Simi Ali, Speaker to be confirmed

Inhibition of collagen cross-links by novel LOXL2 selective inhibitors in an in-vitro model of fibroblastic foci of IPF
James Roberts, Kerry Lunn, Victoria Tear, Mark Jones, Donna Davies, Lucy Cao, Wolfgang Jarolimek, Phillip Monk, Speaker to be confirmed

The effects of tobramycin on pulmonary fibroblast function
Suzanne Edgar, David Laight, Janis Shute, Speaker to be confirmed

Human airway trypsin-like protease: Friend or foe in idiopathic pulmonary fibrosis?
Awen Menou, Sophie Moog, Bruno Crestani, Keren Borenstajn, Speaker to be confirmed

Increased levels of oxidative stress markers in patients with idiopathic pulmonary fibrosis
Kenji Nemoto, Shuji Ohishi, Manato Taguchi, Shunichi Nishima, Norihiro Hida, Kazufumi Yoshida, Kai Yazaki, Kentaro Hyodo, Jun Kanazawa, Miura Yukiko, Takio Takaku, Kenji Hayashiara, Takefumi Saito, Speaker to be confirmed

Evaluation of romidepsin (FK228) as a potential therapy for idiopathic pulmonary fibrosis (IPF)
Franco Conforti, Elizabeth Davies, Mark Jones, Claire Calderwood, Aiman Alzetani, Paul Skipp, Jane Warner, Philip Molyneaux, David Smart, Teresa Tetley, Tom Havelock, Toby Maher, Thomas Thatcher, Summet Mahajan, Benjamin Marshall, Luca Richeldi, Patricia Sime, Katherine O’Reilly, Donna Davies, Speaker to be confirmed

Prostacyclin and VEGF in the rejection process after lung transplantation - A possible biomarker
Annika Andersson Sjoland, Anna-Karin Larsson Callfert, Lena Thiman, Oskar Hallgren, Ingrid Skog, Lennart Hansson, Leif Eriksson, Leif Bjerner, Gunilla Westergren-Thorsson, Speaker to be confirmed

Specialized-resolving mediators and transcriptomic signatures in bleomycin-induced lung fibrosis
Marc Dubourdeau, Gerald Chene, Vincent Baillif, Charlotte Guigne, Estelle Wanecq, Emeline Van Goethem, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Functional assessment of the airways

Chairs:
Airway resistances deteriorate following spirometry in asthma and COPD patients
Natalia Fabbri, Paolo Paredi, Meah Sally, Biddiscombe Martyn, Omar Usmani, Speaker to be confirmed

Prevalence of small airway dysfunction among GOLD stages in COPD patients
Ernesto Crisafulli, Roberta Pisi, Marina Aiello, Anna Torres, Davide Feci, Giuseppina Bertorelli, Alfredo Chetta, Speaker to be confirmed

Poor perception of bronchoconstriction and hyperinflation and risk of acute asthma exacerbations: A data linkage analysis
M. Diane Lougheed, Linda Levesque, Sean O’Loghlen, Thomas Fisher, Yvonne DeWitt, Teresa To, Speaker to be confirmed

Positive bronchodilator response is a poor predictor of future risk in well controlled asthma patients
Luis Pérez de Llano, Francisco Carballada, Juan Luis García-Rivero, Isabel Urrutia, Eva Martínez-Moragó, Marina Blanco, Jacinto Ramos, Maria Carmen Vennera, Vicente Plaza, Pilar Cebollero, María a Merino, Speaker to be confirmed

Lung clearance index in alpha-1-antitrypsin deficiency - A follow up
Susanne Fuchs, Matthias Griese, Doris Staab, Klaus Pittschiesler, Frank Ahrens, Ernst Rietschel, Nicolaus Schwerk, Wolfgang Giebler, Winfried Baden, Thomas Köhlein, Robert Bals, Monika Gappa, Speaker to be confirmed

Lung function measurements in mouse models of lung disease: What to expect from FEV₁₀₉₂ sales? Jeroen Vanorbeek, Fien Devos, André Maaske, Carolina Aznar Lopez, Lore Pollaris, Rik Lories, Matthias Tenbusch, Benoit Nemery, Peter Hoet, Speaker to be confirmed

Evaluating airway resistance changes by body plethysmography in methacholine challenge test
Mehrnaz Asadi Ghribagh, Azam Sattari, Hamidreza Abtahi, Soheil Peiman, Shahideh Amini, Speaker to be confirmed

Contribution of respiratory resistance variability measured by forced oscillation technique (FOT) to assess the likelihood of asthma diagnosis
Laura Mauger, Alessandro Gobbi, Enrico Mellano, Marco Guglielmo, Stefano Pizzimenti, Giovanni Rolla, Raffaele Dellacà, Carlo Gulotta, Speaker to be confirmed

Spirometric and structured light plethysmography derived measures of airflow obstruction in asthma
Hamzah Hmeidi, Ed Chadwick, Warren Lenney, Fran Gilchrist, Shayan Motamedi, Rachel Wilson, Richard Iles, John Alexander, Speaker to be confirmed

Comparison of regression models for developing spirometric reference values
Mei Jiang, Yi Gao, Yanqing Xie, Jingping Zheng, Weiqing Chen, Speaker to be confirmed

Resistive work of breathing (sWOB) as target parameter evaluating methacholine challenge to assess airway hyperreactivity (AHR) in comparison to other lung function parameters
Richard Kraemer, Jörg Salomon, Magdalen Gurtler, Stefan Minder, Speaker to be confirmed

Deep inhalation induces bronchodilation in current smokers
Paolo Paredi, Martyn Biddiscombe, Molly Dascaolu, Thomas Schuessler, Natalia Fabbri, Omar Usmani, Speaker to be confirmed

Lung function tests in patients with primary ciliary dyskinesia
Nagehan Emiralioglu, Esad Ulker, Gokcen Tugeu, Ebru Yalcın, Deniz Dogru, Nural Kiper, Ugur Ozcelik, Speaker to be confirmed

Postbronchodilator response of small airways after 800 microgrammes of salbutamol in COPD patients
Bilun Gemicioglu, Sule Gundogdu, Bukeel Caliskanker Ozturk, Fatma Eren, Speaker to be confirmed

Bronchodilator response of advanced lung function parameters depending on COPD severity
Linnea Jarenbäck, Göran Eriksson, Stefan Peterson, Jaro Ankerst, Leif Bjerner, Ellen Tufvesson, Speaker to be confirmed

Role of vitamin D supplementation in lung function testing and exercise capacity
Ravi Shekhar Jha, Speaker to be confirmed

SBW and FOT in healthy and asthmatics pre and post bronchial challenge
Chiara Veneroni, Andrei Malinovschi, Alain Van Myulem, Alain Michils, Raffaele L. Dellaca, Speaker to be confirmed

FEF<sub>25-75</sub> as a surrogate marker for mild intermittent asthma: A poor man’s FeNO
Tarang Kulkarni, Shyam Krishnan, Alok Gopal Ghosal, Raja Dhar, Speaker to be confirmed
Feasibility of impulse oscilometry in evaluation of lung function tests in asthmatic children
Esra Toprak Kabnik, Ozge Yilmaz, Yurda Simsek, Hasan Yuksel, Speaker to be confirmed

Longitudinal changes of respiratory impedance-based phenotypes in COPD
Ruriko Yukimura, Emiko Ogawa, Yasushi Ryujiin, Tho Nguyen Van, Yuichi Higami, Kenichi Goto, Hiroaki Nakagawa, Kentaro Fukunaga, Masafumi Yamaguchi, Taishi Nagao, Yasutaka Nakano, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Monitoring co-morbidities
Chairs:

Role of comorbidities in stable COPD patients mortality
Aurelio V. Arnedillo Muñoz, Jose Luis Lopez-Campos, Inmaculada Alfageme Michavilla, Francisco Casas Maldonado, Pilar Cordero Montero, Speaker to be confirmed

Factors determining the presence of osteoporosis in active and former smokers
Pilar Rivera Ortega, Jessica González, lez Gutiérrez, Patricia Restituto, Nerea Varo, Inmaculada Colina, Amparo Calleja, Macarena Rodríguez, Gorka Bastarrika, Ana B. Alcaide, Arantza Campo, Javier J. Zulueta, Juan P. de Torres, Speaker to be confirmed

Bronchoalveolar lavage fluid leukotrienes in the pathomechanism of acute inflammatory events in lung transplant recipients
Andréas Bikov, Orsolya Gall, Zoltan Sutto, Aniko Bohacs, Eszter Csiszer, Gyorgy Losonczy, Veronika Muller, Speaker to be confirmed

Evaluation of nutritional status, disease severity and anxiety/depression in COPD patients with different exercise capacity
Zinka Matkovic, Danijel Cvetko, Dario Rahelic, Cristina Esquinas Lopez, Neven Tudoric, Marc Miravitlles, Speaker to be confirmed

The clinical significance and frequency of bronchiectasis in COPD patients
Baris Seker, Celal Satici, Burcu Arpinar Yigitbas, Sibel Yurt, Berat Uslu, Ayse Filiz Arpacag Kosar, Speaker to be confirmed

Performance of early warning score and CURB-65 in predicting severe outcome in community-acquired pneumonia
Stine Andersen, Gertrud Baun, Andreas Vestergaard Jensen, Pelle Trier Petersen, Gernot Rohde, Pernille Ravn, Speaker to be confirmed

Cardiovascular risk, subclinical atherosclerosis and markers of systemic inflammation in patients with COPD and frequent exacerbator phenotype
Adolfo Domenech Del Río, Ana Muñoz Montiel, Patricia Gutierrez Castañó, Natalia Garcia Casares, Miguel Angel Sanchez Chaparro, Jose Luis De La Cruz Ríos, Pedro Valdivieso Felices, Speaker to be confirmed

Association between cardio-ankle vascular index (CAVI) and chronic airway obstruction in asthma
Suguru Sato, Junpei Saito, Atsuro Fukuhara, Manabu Uematsu, Yasuhiro Suzuki, Ryuichi Togawa, Yuki Sato, Kenichi Misa, Takefumi Nikaido, Naoko Fukuhara, Xintao Wang, Yoshinori Tanino, Mitsuru Munakata, Speaker to be confirmed

The bronchiectasis severity index (BSI) and FACED score for assessment the severity of bronchiectasis
José Eduardo Coutinho Costa, Joâo Pedro Neiva Machado, Catarina Ferreira, Jorge Gama, Cidalia Rodrigues, Speaker to be confirmed

Renal impairment a neglected comorbidity in patients with COPD
Mohit Bhatia, J.K. Samaria, Shubham Agarwal, Pradeep Nirala, Speaker to be confirmed

Structured light plethysmography measures asynchronous breathing patterns in patients with acute stroke
Afroditi Kouzouna, Christine Roffe, Nick Watson, John Alexander, Francis Gilchrist, Warren Lenney, Anand Pandyan, Speaker to be confirmed

Impact of disease severity and comorbidities on length of stay (LOS) in COPD
James Rushton, Ian Evans, Samantha Carr, Claire Mathews, Wendy Morgan, Steven Dean, Carlton Chisambara, Naveed Mustfa, Helen Stone, Imran Hussain, Speaker to be confirmed

Clinical and epidemiological assessment of the regional program of vaccination for pneumococcal infections
Victor Kolosov, Leonid Manakov, Olga Kurganova, Juliy Perelman, Speaker to be confirmed
Thematic Poster: Phenotyping and monitoring airway diseases

**X-Tab: Non-interventional study to assess patient-related mid-term outcomes of omalizumab therapy in severe allergic asthmatic patients**

Jens Schreiber, Kristin Garg, Claudia Mailaender, Speaker to be confirmed

**Respiratory outcomes in young adults following extremely preterm birth**

Joanne Beckmann, Kate Bennett, Charlotte Bolton, Neil Marlow, John Hurst, Speaker to be confirmed

**Clinical features of chronic obstructive pulmonary disease in never smokers**

Shin young Kim, Hyoung Kyu Yoon, Tai joon An, Chan kwon Park, Sei Won Kim, Speaker to be confirmed

**Risk for adverse outcomes in asthma: Assess to impress!**

Lilia Maia Santos, Claudia Chaves Loureiro, Speaker to be confirmed

**Predictors of lung function deterioration in COPD**

Rossella D’Amato, Juan Marco Figueira-Gonçalves, Ignacio García a Talavera, Speaker to be confirmed

**Variability of total serum IgE in moderate-to-severe asthmatic patients**

Renaud Louis, Charles Pilette, Olivier Michel, Alain Michils, Guy Brusselle, Lieven Dupont, Antoine Poskin, Jan Van Schoor, Stefano Vancayzeele, Sandra Gurdain, Speaker to be confirmed

**Differences of disease phenotypes in individuals with alpha-1-antitrypsin deficiency with genotypes PI*Z*Z and PI*SZ - Analysis from the German registry**

Sebastian Führich, Nikolas Bernhard, Philipp M. Lepper, Claus Vogelmeier, Robert Bals, Speaker to be confirmed

**Clinical, functional and inflammatory characteristics in patients with paucigranulocytic asthma**

Polyxeni Ntontsi, Stelios Loukides, Petros Bakakos, Konstantinos Kostikas, Georgios Papatheodorou, Evgenia Ppathanassiou, Anastasia Papapolyriou, Elissavet Konstantellou, Hillas Georgios, Nikolaos Koulouris, Spyridon Papiris, Andriana Papaioannou, Speaker to be confirmed

**Heterogeneity of group D in the new GOLD classification of COPD**

Richa Mittal, Sunil Chhabra, Speaker to be confirmed

**Significance of quantitative radiological phenotypes of COPD on BODE index**

Avinash Jain, S.K. Agrawal, Speaker to be confirmed
Expression of nasal and bronchial IL-17F and related cytokines in frequent exacerbators with neutrophilic severe asthma
Fabio L.M. Ricciardolo, Valentina Sorbello, Davide Vallese, Gian Mario Massaglia, Gabriella Favatà, Antonio Di Stefano, Speaker to be confirmed

CAT in COPD phenotypes (POPE study)
Vladimír Koblízek, Attila Somfay, Jan Svancara, Ruzena Tkacova, Branislava Milenkovic, Adam Barczyk, Kirill Zykov, Neven Tudoric, Kostia Kostov, Zuzana Zbozinkova, Jurij Sorli, Alvis Krams, Marc Miravitlles, Arschang Valipour, Speaker to be confirmed

Prevalence of COPD in heroin smokers screened at substance misuse clinics
Jennifer Furlong, Rob Peat, Ryan Young, Tara Byrne, Doreen Russell, Tristan Elkin, Sandra Oelbaum, Hassan Burhan, Paul Walker, Sue Renwick, Speaker to be confirmed

Prevalence of refractory asthma in population with severe asthma
Evgeny Kulikov, Ludmila Ogorodova, Ivan Deev, Natalya Kirillova, Sergey Fedosenko, Speaker to be confirmed

Vitamin D deficiency is associated with rapid decline in exercise capacity in male patients with COPD
Yong Bum Park, Changhwan Kim, Ji Ye Jung, Yeon-Mok Oh, Sang-Do Lee, Kwang Ha Yoo, Speaker to be confirmed

Can emphysema predict exacerbations and changes in PFTs in COPD?
Zvi G. Fridlender, Ron Kaufman, Dorit Shaham, Neville Berkman, Speaker to be confirmed

Clinical differences between emphysematous and non-emphysematous COPD
Manu Madan, Pawan Gupta, Richa Mittal, Sunil Chhabra, Speaker to be confirmed

Mathematical model to predict the risk of future exacerbations in non-smoking patients with COPD
Aliaksei Kadushkin, Anatoli Tahanovich, Speaker to be confirmed

Use of clinical characteristics to predict spirometric classification of obstructive lung disease
Steven Pascoe, Wei Wu, Kathryn Collison, Linda Nelsen, Keele Wurst, Laurie Lee, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Clinical studies in asthma and immunology

Global asthma network identifies gaps in essential asthma medicines
Innes Asher, Karen Bissell, Philippa Ellwood, Eamon Ellwood, Chen-Yuan Chiang, Guy Marks, Asma El Sony, Nils Billo, Christophe Perrin, Global Asthma Network Study Group, Speaker to be confirmed

Global asthma network survey of national asthma strategies - Where are the gaps?
Innes Asher, Philippa Ellwood, Eamon Ellwood, GAN Study Group, Speaker to be confirmed

Relation of IL-33 and PSMA6 gene polymorphisms in asthma patients
Edita Gasiuniene, Zivile Zemeckiene, Raimundas Sakalauskas, Brigita Sitkauskiene, Speaker to be confirmed

Heritability in general and specific atopy: A twin study
Howraman Meteran, Linnea Skov, Vibeke Backer, Kirsten Ohm Kyvik, Simon Francis Thomsen, Speaker to be confirmed

Pulmonary function changes following allogeneic haematopoietic cell transplantation
Jonathon Lennon, Ian Bilmon, Megan Hogg, David Gottlieb, Peter Middleton, Speaker to be confirmed

Reversible bronchitis and peribronchitis after bronchial thermoplasty
Yamamoto Shota, Ikura Motoyasu, Ishii Satoru, Izumi Shinyu, Hojo Masayuki, Sugiyama Haruhito, Speaker to be confirmed

Investigating the interaction between bronchiolization and cough in asthma
Imran Satta, Huda Badri, Mark Woodhead, Paul O’Byrne, Stephen Fowler, Jaclyn Smith, Speaker to be confirmed
Cluster analysis of cough variant asthma using FeNO
Saki Oyama, Yoshio Otani, Wakaba Furue, Miho Akaza, Tetsuo Sasano, Kimitake Tsuchiya, Meiyo Tamaoka, Naohiko Inase, Yuki Sumi, Speaker to be confirmed

Endotoxemia may be first step for acute attacks in patients with hereditary angioedema in remission
Zafer Hasan Ali Sak, Emin Savık, İsmail Koyuncu, Serif Kurtulus, Ibrahim Altıparmak, Funda Yalçın, Aysegül Kurnaz, Faruk Güner, Irфан Eser, Erkan Kurtaran, Mehmet Gencer, Nurten Aksoy, Speaker to be confirmed

Allergic bronchopulmonary aspergillosis complicating COPD is associated with a higher exacerbation rate and a distinct pattern on chest CT scan compared to COPD
Annelieur Maignant, François Mellot, Luc Haudebourg, Helene Neveu, Elisabeth Rivaud, Emilie Catherinot, Camille Bron, Helene Salvador, Alexandre Chabrol, Oana Anitei, Gregoire Trebbia, Jerome Devaquet, Charles Cerf, Louis-Jean Coudere, Colas Tcherakian, Speaker to be confirmed

Features of the placenta immunomorphology in women with asthma
Yulia Dymarskaya, Olga V. Lavrova, Ludmila B. Zubzhitskaya, Elena A. Shapovalova, Speaker to be confirmed

Features of clinical and functional parameters of ACOS-syndrome
Angelina Kraposhina, Elena Sobko, Svetlana Chubarova, Irina Denko, Irina Soloveva, Natalia Gordeeva, Marina Mamaeva, Speaker to be confirmed

Knowledge of asthma is associated with inhalation technique in elderly patients with asthma
Takashi Iwanaga, Kyuya Gose, Yuya Nakanishi, Sho Saeki, Ryo Yamazaki, Nanase Watatani, Akiko Sano, Toshiyuki Yamagata, Osamu Nishiyama, Hiroki Sano, Yuji Higashimoto, Hiroaki Kume, Yuji Tohda, Speaker to be confirmed

Late-onset hypereosinophilic asthma accompanied by systemic eosinophilic manifestations
Mikio Toyoshima, Kazuo Tsuchiya, Takafumi Suda, Speaker to be confirmed

Clinical characteristics of seasonal rhinitis and co-existence with asthma
Ebru Özdemir, Esra Karabiber, Özge Öztürk Aktas, Ebru Çelebioglu, Gülay Karakaya, A. Fuat Kalyoncu, Speaker to be confirmed

Effect of FESS on asthma patients with nasal polyposis and chronic sinusitis
Önder Akdeniz, Seyhan Us Düzler, Ozlem Sengoren, Dilber Durmaz Yılmaz, Mehmet Karadag, Speaker to be confirmed

Collaborative treatment with variety of dust mites allergic in standardized Dermatophagoides pteronyssinus allergen immunotherapy
Zheng Peiyan, Baoqing Sun, Speaker to be confirmed

Characterisation of asthma patients with persistent airflow obstruction
Tunn Ren Tay, Hang Siang Wong, Xue Ning Choo, Rosna Ihsan, Hsiao Peng Toh, Speaker to be confirmed

Efficacy of air purifier for adjuvant therapy of asthma
Jaiying Luo, Zhao Chen, Xiao Lan, Jiaqing HU, Baoqing Sun, Speaker to be confirmed

Seasonal influenza vaccine effectiveness in people with asthma: A systematic review
Eleftheria Vasilieou, Colin Simpson, Aziz Sheikh, Chris Butler, Speaker to be confirmed

Thematic Poster: Asthma: treatment, disease control and quality of life

Inappropriate asthma therapy: A tale of two countries
Manon Belhassen, Anjan Nibber, Eric Van Ganse, Dermot Ryan, Carole Langlois, Francis Appiagyei, Derek Skinner, Laurent Laforest, Joan B. Soriano, David Price, Speaker to be confirmed

Predictors of respiratory health status in patients with severe asthma
Linda Nelsen, Nedic Gunsoy, Hana Müllerová, Sarah Cockle, Frank Albers, Speaker to be confirmed

The disease burden of mild asthmatics in China
Bo Ding, Mark Small, Wenzhu Wang, Peter Schweikert, Speaker to be confirmed

Oral corticosteroids in asthma exacerbations: Differences between patient-reported data and proxies from claims data
Laurent Laforest, Alexandra L. Dima, Nathalie Texier, Mariijn de Bruin, Gimena Hernandez, Maëva Nolin, Eric van Ganse and the ASTROLAB Group, Speaker to be confirmed
Different risk factor pattern for allergic and non-allergic asthmatics selected from a random population
Linda Ekerljung, Roxana Mincheva, Bo Lundbäck, Jan Lötvall, Speaker to be confirmed

The effects of smoking on asthma control and quality of life
Elina Mäkiä, Miki Koivisto, Maritaa S. Jaakkola, Jouni J.K. Jaakkola, Speaker to be confirmed

The real world burden of illness in uncontrolled asthma with elevated eosinophils
Kathy Lang, Caitlin Knox, Ray Gani, Xichun Sun, Speaker to be confirmed

One-year coverage by inhaled steroids in asthma: French claims data
Laurent Laforest, Manon Belhassen, Gilles Devouassou, Alain Didier, Marine Ginoux, Eric Van Ganse, Speaker to be confirmed

Before hospital admission for an exacerbation, asthma patients don’t look alike!
Manon Belhassen, Carole Langlois, Laurent Laforest, Eric Van Ganse, Speaker to be confirmed

Asthma management among allergists in Italy: Results from a survey
Maria Sandra Magnoni, Marco Caminati, Giorgio Walter Canonica, Fabio Arpinelli, Andrea Rizzi, Gianenrico Senna, Speaker to be confirmed

Eligibility for mepolizumab, omalizumab and reslizumab in the EU population: The IDEAL study
Frank Albers, Sarah Cockle, Necdet Gunsoy, Ji-Yeon Shin, Linda Nelsen, Hana Muellerova, Speaker to be confirmed

Clinical characteristics and burden of illness in a cohort of severe asthma patients
Hana Muellerova, Necdet Gunsoy, Sarah Cockle, Linda Nelsen, Frank Albers, Speaker to be confirmed

The Italian registry for severe/uncontrolled asthma
Sara Maio, Sandra Baldacci, Sonia Cerrai, Giuseppe Sarno, Megan Bresciani, Manuela Latorre, Nicola Murgia, Fabrizio Spinazzi, Mariachiara Braschi, Leonardo Antonicelli, Barbara Brunetto, Patrizia Iacovacci, Carlo Pini, Mario Pata, Lidia La Grasta, Pierluigi Paggia, Giovanni Viegí, Speaker to be confirmed

Relationships between asthma control, productivity and health outcomes in a US survey
Karina Raimundo, Susan Limb, Natalie M. Flores, Marco DiBonaventura, Speaker to be confirmed

A long-time follow-up of mortality, asthma, and health-related quality of life in an elderly
Anna Rask-Andersen, Mai Leander, Christer Janson, Speaker to be confirmed

Identifying predictors of asthma-related events
Caitlin Knox, Ray Gani, Xichun Sun, Kathy Lang, Speaker to be confirmed

Development of prediction models for asthma-related events using EMR and claims data sources
Caitlin Knox, Ray Gani, Xichun Sun, Kathy Lang, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Prevalence of obstructive airway diseases, method of diagnosis and lung function testing

Alpha-1 antitrypsin deficiency prevalence in COPD patients in a specialized hospital in Buenos Aires, Argentina
Guillermo Menga, Patricia Sorroche, María Soledad Saez, Juan José Moncalvo, Martín Eduardo Fernandez, Speaker to be confirmed

Polish and World spirometry days - Three years of research experience on causes and consequences of obstructive diseases in Poland
Artur Badya, Piotr Dabrowiecki, Piotr Oskar Czechowski, Dominika Mucha, Anna Gayer, Speaker to be confirmed

Spirometric abnormality was influenced by the estimated GFRs in a Korean general population
Jin Woo Kim, Sang Haak Lee, Chang Dong Yeo, Hyun Hee Kang, Speaker to be confirmed

Lung function in older community dwelling Australians
Michael Abramson, Brigitte M. Borg, Edwina McCarthy, Jo A. Douglass, Angela J. Lewis, Bruce R. Thompson, Speaker to be confirmed

Comparison of spirometric results obtained in sitting and standing position in children participating in epidemiological study
Grzegorz Brozek, Jan Zejda, Agnieszka Jarosinska, Agnieszka Idzik, Lawson Joshua, Speaker to be confirmed
Validation of simple and composed screening test of childhood asthma
Grzegorz Brozek, Jan Zejda, Malgorzata Farnik, Agata Wypych-Slusarska, Szymon Skoczynski, Speaker to be confirmed

Short-term repeatability of fractional exhaled nitric oxide (F<sub>E</sub>NO) measurement in children
Kamil Baranski, Jan Eugeniusz Zejda, Speaker to be confirmed

The influence by body mass index on annual lung function decline is not related to smoking status
Gunnar Einvik, Johnny Kongerud, Berit Bakke, Vidar Søyseth, Speaker to be confirmed

Sex-switch in prevalence of allergic multimorbidity from childhood to adulthood? A systematic review and meta-analysis
Matthias Fröhlich, Mariona Pinart, Stephanie Roll, Andreas Reich, Theresa Keller, Thomas Keil, Speaker to be confirmed

Age of weaning and asthma and atopy in young adults
Sadiyah Hand, Ken Jones, Iolo Doull, Speaker to be confirmed

COPD classification according GOLD 2013 and Latin American Thoracic Association (ALAT) recommendations in PUMA study
Maria Montes De Oca, Maria Victorina Lopez Varela, Maria Eugenia Laucho Contreras, Alejandro Casas, Eduardo Schiavi, Alejandra Rey, Alejandra Silva, Speaker to be confirmed

Prevalence of asthma and asthma-like symptoms in Greece: Early results of the E.ME.NO study
Maria Gangadi, Aikaterini Margetaki, Magda Gavana, Apostolos Vantarakis, Paraskevi Vougari, Grigoris Chlouverakis, Ioannis Alamanos, George Rachiotos, Grigoris Trypsianis, Argyro Karakosta, Giota Touloumi, Anna Karakatsani, Speaker to be confirmed

Asthma, asthma-related symptoms and obstructive pattern in Greece: Early results of the E.ME.NO study
Maria Gangadi, Aikaterini Margetaki, Bettina Haidich, Apostolos Vantarakis, Paraskevi Vougari, Grigoris Chlouverakis, Ioannis Alamanos, Christos Chatzichristodoulou, Grigoris Trypsianis, Sofia Anastasiou, Argyro Karakosta, Giota Touloumi, Anna Karakatsani, Speaker to be confirmed

White blood cells, FeNO, glutathione, 8-oxodG and 8-isoprostane in respiratory diseases
Liliya Chamitava, Lucia Cazzolotti, Marcello Ferrari, Paolo Degan, Andrea Pasini, Anna Fratta-Pasini, Morena Nicolis, Valeria Bellisario, Mario Olivieri, Angelo Corsico, Pietro Pirina, Roberto Bono, M. Elisabetta Zanolini, Speaker to be confirmed

COPD prevalence in Argentina: The EPOC.AR study
Andres Echazarreta, Eduardo Giugno, Daniel Colodenco, Sergio Arias, Juan Carlos Bossio, Gustavo Armando, Speaker to be confirmed

Indoor microbial exposure in relation to allergy and respiratory health in adults
Gitte Juel Holst, Ann Dorte Pørneki, Jonas Lindgreen, Betina Thuesen, Jakob Bønke, Collin Brooks, Jeroen Douwes, Allan Linneberg, Torben Sigsgaard, Speaker to be confirmed

Thematic Poster: Epidemiological aspects on tuberculosis and other respiratory conditions: from lung cancer to late-onset Pompe's disease.

In-hospital disease burden of sarcoidosis in Switzerland from 2002 to 2012
Susanne Pohle, Florent Baty, Martin Brutsche, Speaker to be confirmed

5-year weekly monitoring of community-acquired pneumonia incidence and mortality
Rustem Shayumuratov, Alexander Vizel, Speaker to be confirmed

Healthcare utilisation in childhood interstitial lung diseases: Analysis of chiLD-EU registry data
Boglárka Szentes, Sabine Witt, Andrew Bush, Steve Cunningham, Nagehan Emiralioglu, Lutz Goldbeck, Matthias Griese, Meike Hengst, Nural Kiper, Katarzyna Krenke, Joanna Lange, Reiner Leidl, Nicolaus Schwerk, Larissa Schwarzkopf, Speaker to be confirmed

Epidemiology of haemoptysis in Italy: A prospective observational study
Michele Mondoni, Giovanni Sotgiu, Paolo Carlucci, Sara Job, Elena Maria Parazzini, Alessandro Fois, Gabriella Diano, Sara Canu, Pietro Pirina, Giuseppe Cipolla, Matteo Pagani, Francesco Tursi, Luigi Negri, Martina Bonifazi, Stefano Gasparini, Andrea Claudio Comel, Silvia Marani, Franco Ravenna, Simone Dore, Silvia Terraneo, Giuseppe Francesco Sferrazza Papa, Fabiano Di Marco, Stefano Centanni, Speaker to be confirmed
Pneumococcal carriage and serotypes distribution in patients with acute otitis media in Switzerland, 2004-2014
Aurélie Allemann, Marianne Küffer, Markus Hilty, Speaker to be confirmed

Addressing the tuberculosis (TB) and diabetes mellitus (DM) co-epidemic among TB patients in Luanda, Angola
Giulia Segafredo, Ugo Fedeli, Anna Maria Gnoni, Filippo Ferretti, Ludovico Corbuccio, Gianluca Quaglio, Luigi Andreoni, Andrea Atzori, Giovanni Putoto, Speaker to be confirmed

Molecular epidemiological analysis of cases of pulmonary tuberculosis in patients with multiple admissions to TB hospital
Nelia Vasileva, Anna Vyazovaya, Alexandra Inozemceva, Olga Narvskaya, Elena Myasnikova, Igor Vasilev, Speaker to be confirmed

Characterization of sleep disordered breathing in a group of 123 heart failure patients
Kamila Sedkaoui, Pauline Fournier, Michel Galinier, Marianne Lescouzères, Sandrine Pontier, Alain Didier, Speaker to be confirmed

Early respiratory infections and dental caries in the first 27 years of life
Aino Rantala, Ilkka M. Mehtonen, Maritta S. Jaakkola, Timo T. Hugg, Jouni J.K. Jaakkola, Speaker to be confirmed

The association between gastritis/gastroesophageal reflux and rhinitis/rhinosinusitis
Francesca Locatelli, Eliana Finocchio, Alessandro Marcon, Roberto Bono, Isa Cerveri, Pietro Pirina, Giulia Trucco, Mario Olivieri, Marcello Ferrari, Giuseppe Verlato, Speaker to be confirmed

Prevalence of nontuberculous mycobacteria in hospital waters of major cities of Khuzestan province, Iran
Azar Dokht Khosravi Boroujeni, Abdolrazagh Hashemi Shahraki, Mohammad Hashemzadeh, Rasa Sheini Mehrabzadeh, Speaker to be confirmed

Is the incidence of spontaneous pneumothorax associated with climacteric conditions?
Roberto Meleira Silva, Inês Vicente, Eunice Magalhães, Maria Jesus Valente, Maria la Salete Valente, Speaker to be confirmed

Early diagnosis of late onset Pompe disease (LOPD) in patients with respiratory failure (PneumoLoped study preliminary data)
Marco Confalonieri, Michele Vitacca, Andrea Vianello, Antonio Capuzzo, Eugenio Sabato, Fausto De Michele, Annalisa Carlucci, Luigi Chiaffi, Raffaele Scala, Grazia Crescimanno, Antonio Corrado, On Behalf of PneumoLoped AIPO Study Group, Speaker to be confirmed

Molecular identification of nontuberculous mycobacteria isolated from patients in northeast Iran
Ehsan Aryan, Davoud Mansouri, Davoud Bordbar, Amir-Hooshang Alvandi, Abdolrazagh Hashemi-Shahraki, Hadi Safdari, Speaker to be confirmed

The prevalence of the Azygous lobe: A computerized thorax tomography (CT)
Levent Özdemin, Burcu Özdemin, Speaker to be confirmed

Regional pattern of trends in lung cancer incidence in Croatia, 2001-2013
Marina Polic Vizintin, Kararina Josipa Stroglavic, Ingrid Tripkovic, Mario Sostar, Suzana Kukulj, Speaker to be confirmed

Tuberculosis and HIV infection in combination with multidrug resistant MTB on Northwest of Russia
Goar Balasaniante, Vladimir Galkin, Zinaida Zagdyn, Peter Yablonskii, Speaker to be confirmed

Are epidemiological statistics on extrapulmonary tuberculosis correct?
Ekaterina Kulchavenya, Irina Zhukova, Speaker to be confirmed

Thematic Poster: Occupational and environmental exposures and biomarkers including human study, animal data and in vitro methods
Chairs:

Dust exposure impacts haemophilus influenzae attachment and invasion of human airway epithelial cells
Holly Clifford, Teck Teo, Lea-Ann Kirkham, Ruth Thornton, Graeme Zosky, Janessa Pickering, Speaker to be confirmed

Particulate matter promotes epithelial-to-mesenchymal transition in human lung epithelial cells via ROS pathway
Xiaoyan Xu, Yingmin Ma, Xiaomin Wu, Joe Garcia, Ting Wang, Speaker to be confirmed
Comparison of wood smoke and cigarette smoke in causing chronic mucous hypersecretion
Yohannes Tesfaigzi, Elias Awji, Speaker to be confirmed

Effects of diesel exhaust particles exposure in a murine model of asthma due to soybean
M* Jesús Cruz Carmona, Daniel Alvarez-Simón, Susan Gómez-Olles, Marta Ollé-Monge, Xavier Muñoz, Speaker to be confirmed

Anti-IgE as an alternative treatment for occupational asthma due to low molecular weight agents
Marta Ollé, Xavier Muñoz, Jokin Yllera, Dolores Untoria, Daniel Álvarez, Speaker to be confirmed

Mus m 1 personal exposure in laboratory animal workers in facilities where mice are housed in open cages and individually ventilated cages
Jennifer Canizales, Meinir Jones, Sean Semple, Johanna Feary, Paul Cullinan, Speaker to be confirmed

In-house and commercial and bovine dander extracts in the diagnostics of allergic occupational diseases
Irmeli Lindstrom, Liisa Airaksinen, Hille Suojalehto, Paula Pallasaho, Anne Puustinen, Speaker to be confirmed

Markers of inflammation among workers exposed to engineered TiO$_2$ nanoparticles
Sergey Zakharov, Daniela Pelclova, Vladimir Zdimal, Petr Kacer, Zdenka Fenclova, Stepanka Vlckova, Jaroslav Schwarz, Tomas Navratil, Martin Komarc, Speaker to be confirmed

DNA methylation changes in workers occupational exposed to carbon nanotubes
Manosij Ghosh, Deniz Öner, Ali Tabis, Katrien Poels, Peter Hoet, Anjoeka Pronk, Roel Vermeulen, Bram Bekaert, Lode Godderis, Speaker to be confirmed

Oxidative imbalance in biological fluids of heavy metals-exposed workers
Felicia Gradinariu, Irina Anca Popenescu, Eugenia Danulescu, Micaela Margineanu, Viorel Cazuc, Madalina Ipate, Ovidiu Petris, Speaker to be confirmed

Changes in passive smoking in the workplace from three waves of the European community respiratory health survey
Mario Olivieri, Nicola Murgia, Anne Elie Carsin, Geza Benke, Irene Breuskens, Peter G.J. Burney, Christer Janson, Debbie Jarvis, Benedicte Leynaert, Jesúisdas Martínez-Moratalla, Torben Sigsgaard, Cecilia Svanes, Kjell Toré, Jan-Paul Zock, Giuseppe Verlato, Speaker to be confirmed

Exposure to diesel exhaust particles impairs heart rate variability and induces inflammatory alterations on spontaneously hypertensive rats
Natalia Almeida, Larissa Emidio, Beatriz Romanholo, Manoel Junior, Rodolfo Vieira, Paulo Sladiva, Dolores Rivero, Speaker to be confirmed

Characterisation of exhaled aerosol from vibrating mesh and jet nebulisers
Andrew O’Sullivan, James McGrath, Miriam Byrne, Patrick Power, Ronan Mac Loughlin, Speaker to be confirmed

Occupational respiratory exposure at man-made mineral fibers and their influence on p53 protein expression in peripheral mononuclear cells
Micaela Margineanu, Carmen Cozmei, Eugenia Danulescu, Felicia Gradinariu, Madalina Ipate, Speaker to be confirmed

smoking has a protective effects on functional and inflammatory parameters in workers exposed to artificial stone dust
Noa Ophir, Amir Bar Shai, Yifat Alcalay, Yehuda Schwarz, Rafi Korenstein, Mordechai R. Kremer, Elizabeth Fireman, Speaker to be confirmed

Elevated neutrophil lymphocyte ratio and T4 levels can be predisposing factors for silicosis
Meside Gunduzoz, Özlem Kar Kurt, Turkan Nadir Ozis, Ceylan Bal, Murat Buyuksekerci, Servet Iritas, Engin Tutkun, Omer Hinc Yilmaz, Speaker to be confirmed

Exposure to welding fume and oxidative stress in airway epithelial cells
Reetika Suri, Jonathan Grigg, Speaker to be confirmed

Lung function and element status of foundry workers
Tatsiana Rybina, Volha Kardash, Siarhei Semihzon, Victor Zaitsev, Alixandra Rybina, Hleb Kardash, Speaker to be confirmed
Bronchopulmonary system changes in the employees of nuclear industry
Lyudmila I. Shvayko, Viktor Sushko, Kostiantyn Bazyka, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: The indoor and ambient environment
Chairs:

Outdoor exercise with different PM concentrations and heart rate variability effects in healthy individuals, São Paulo, Brazil
Renato Paceli, Arethusa Cardoso, Matheus Cavalcanti de Sá, Mauro Walter Vaisberg, Naomi Kondo Nakagama, Mario Terra-Filho, Dirce Maria Trevisan Zanetta, Ubiratan de Paula Santos, Speaker to be confirmed

Self-reported traffic exposure is not strongly correlated with modelled NOx in a Northern European cohort study
Hanne Krage Carlsen, David Olsson, Thorarinn Gislason, Johan Hellgren, Christer Janson, Ane Johannessen, Rain Jögi, Torben Sigsgaard, Bertil Forsberg, Speaker to be confirmed

Are physicians specialists on the impact of air pollution on health?
Tadeusz M. Zielonka, Katarzyna Zycinska, Speaker to be confirmed

Exposure to damp or mould at home in relation to respiratory symptoms and asthma in the Telemark study, Norway
Regine Abrahamsen, Martin Veel Svendsen, Paul K. Henneberger, Kjell Toren, Johny Kongerud, Anne Kristin Møller Fell, Speaker to be confirmed

Household smoking and respiratory health in Telemark, Norway - 10 years after the introduction of a smoking ban
Anne Kristin Moller Fell, Jeong-Lim Kim, Regine Abrahamsen, Martin Veel Svendsen, Kjell Toren, Johny Kongerud, Paul Henneberger, Speaker to be confirmed

Swimming pools: Exposure time and asthma symptoms in children
Martin Andersson, Helena Backman, Gunnar Nordberg, Kåre Eriksson, Linnea Hedman, Annika Hagenbörk, Bertil Forsberg, Eva Rönnmark, Speaker to be confirmed

Indoor pollution and respiratory health in the Himalayas
Eva Bernardi, Angela Marinoni, Lorenza Pratali, Paolo Bonsaoni, Paolo Sdringola, Sanjeev Bhandari, Buddha Basnyat, Annalisa Cogo, Speaker to be confirmed

High-altitude alpine therapy and lung function in asthma: Systematic review and meta-analysis
Denis Vinnikov, Abdullah Khafagy, Paul Blanc, Nurlan Brimkulov, Craig Steinmaus, Speaker to be confirmed

Children's micro-environment air pollution exposures in London and Bangalore
Rossa Brugha, Sidra Hussein, Samatha Sonnappa, Jonathan Grigg, Speaker to be confirmed

Does prolidase activity an early marker for lung emphysema in biomass smoke exposed women
Bünyamin Sertogullarindan, Hatice Sezen, Hulya Gunbatar, Ayse Uzunbaktar, Ahmet Arisoy, Selami Ekin, M. Hakan Bilgin, Nurten Aksoy, Bulent Özbay, Speaker to be confirmed

Biomass exposure and its association with respiratory symptoms, quality of life, and lung function: A population study in Ife, Nigeria
Daniel Obaseki, Bamidele Adeyemi, Gregory Erhabor, Speaker to be confirmed

Do air pollution and outdoor temperature influence the frequency of acute COPD exacerbations?
Iliya Krachunov, Nikolay Yanev, Nikolay Kychukov, Zlatina Ivanova, Petkana Hristova, Pavlina Glogovsks, Plamen Pavlov, Tsanya Popova, Yavor Ivanov, Speaker to be confirmed

Exposure to low dose of particles produced by biomass burning: Respiratory toxicity
Mariana Machado, Giovanna Carvalho, Estela Vicente, Célia Alves, Walter Zin, Speaker to be confirmed

Treatment of chronic obstructive pulmonary disease in clean-up workers of the Chornobyl NPP accident in the remote period after irradiation with additional 6 month prescription combination of ambroxol and essential phospholipids
Victor Sushko, Liudmila Shvayko, Konstantin Bazyka, Alona Riazhska, Speaker to be confirmed

Predictors of chronic rhinosinusitis among World Trade Center (WTC) exposed fire department city of New York (FDNY)-workers: A 13.5 year longitudinal analysis
Barbara Putman, Sophia Kwon, Anna Nolan, Guy F. Joos, Michael D. Weiden, Speaker to be confirmed
Aerodigestive continuum: GERD and Barrett's esophagus in World Trade Center exposed firefighters
Syed Hissam Haider, Audrey K. Lee, Erin J. Caraher, Liqun Zhang, Mohamed Zedan, David J. Prezant, Sophia Kwon, Anna Nolan, Speaker to be confirmed

Prevalence of respiratory symptoms and lung function status of firefighters in Benin City, Nigeria
Alphonsus Isara, Elizabeth Egbagbe, Speaker to be confirmed

Clinico-radiological and functional assessment of respiratory symptoms with either exposure to biomass fuel smoke or tobacco smoking
Vikas Pilaniya, Shekhar Kunal, Ashok Shah, Speaker to be confirmed

Systemic inflammatory profile associated with exposure time to burning sugarcane
Marceli Rocha Leite, Iara Burioila Trevisan, Guilherme Yassuyuki Tacao, Aline Duarte Ferreira, Ercy Mara Cipul Ramos, Fabio Santos de Lira, Dionei Ramos, Speaker to be confirmed

Burnt sugarcane harvesting is associated with short and long term alterations in systemic and pulmonary inflammatory markers
Marceli Rocha Leite, Emmanuel de Almeida Burdmann, Dionei Ramos, Iara Burioila Trevisan, Ubiratan de Paula Santos, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Smoking cessation strategies
Chairs:

Newly diagnosed diseases during the smoking cessation process
Ika Pešić, Branislav Gvozdenovic, Branka Bulajic-Subotic, Vladimir Zugic, Nada Lazovic, Speaker to be confirmed

Interim report: The effectiveness of smoking cessation in tuberculosis patients and its effective factor
Mahshid Aryanpur, Mohammad Reza Masjedi, Esmaeil Mortaz, Seyed Mohammad Reza Aryan, Zahra Hessami, Hooman Sharifi, Payam Tabarsi, Mostafa Hosseini, Speaker to be confirmed

Attitude change of ex-smokers in regards to the smoking approval in the living environment
Ika Pešić, Branislav Gvozdenovic, Branka Bulajic-Subotic, Nada Lazovic, Speaker to be confirmed

Characteristics of smoking cessation among hard-core smokers (HCS)
Aissa Sana, Benzarti Wafa, Mezghani Sonia, Abdelghani Ahmed, Ghofrane Jaffel, Gargouri Imen, Ben Salem Halima, Garrouche Abdelhamid, Hayouni Abdelaziz, Benzarti Mohamed, Speaker to be confirmed

Effectiveness of motivational interview for smoking cessation in hospital setting
Mihaela Zidarn, Ana Kolenko, Speaker to be confirmed

Comparing behavior, attitude and knowledge about smoking cessation between smoking and non-smoking healthcare professionals
Ana Santos, Joana Carvalho, Rafaela Campanha, Inês Ribeiro, Cristina Matos, Fernando Nogueira, Speaker to be confirmed

The need for smoking cessation in pregnant women in Greece
Athina Diamanti, Victoria Vivilaki, Maria Tzeli, Paraskevi Katsaounou, Speaker to be confirmed

The influence of respiratory nurse’s awareness of health hazards of smoking on smoking cessation interventions provided by tertiary hospitals in Guangzhou, China
Yueming Su, Shujun Chen, Wei He, Yucui Gong, Lijie Xin, Mei Jiang, Speaker to be confirmed

5As (ask, advise, assess, assist, arrange) tobacco treatment delivery in primary care settings in Greece
Sophia Papadakis, Charis Girvalaki, Constantine Vardavas, Andrew Pipe, Christos Lionsis, Speaker to be confirmed

An observational study "Quitline service" for smoking cessation in Hungary
Erika Pataki, Luca Hodasz, Erzsebet Tóth, Ildikó Horváth, Gábor Kovács, Speaker to be confirmed

Anti-smoking treatment failure: Differential features
Francisco Javier Callejas Gonzalez, Raul Godoy Mayoral, Javier Cruz Ruiz, Wanda Mayoris Almonte, Marta Genoves Crespo, Francisco Javier Agustín Martínez, Abel Jesús Martínez García, José Alfonso García a Guerra, Ángel Molina Cano, Ana Isabel Tornero Molina, Speaker to be confirmed
The questionnaire chronic obstructive pulmonary disease-population screener (COPD-PS) as a screening of the chronic obstructive pulmonary disease (COPD) in a quitting smoke medical practice
Ana Gomez-Bastero Fernandez, Concepción Romero Muñoz, Patricia Guerrero Zamora, Virginia Almadana Pacheco, Teodoro Montemayor Rubio, Speaker to be confirmed

Knowledge of doctors about smoking risks and their attitude toward its cessation in antenatal clinics
Saima Akhter, Shaista Ghazal, Usman Ali Warraich, Speaker to be confirmed

Respiratory impairment relating to smoking habits evaluated by lambda-mu-sigma method derived z-score in healthy ever-smokers
Shinobu Osanai, Toshiyuki Ogasa, Naoyuki Hasebe, Speaker to be confirmed

Early spirometric changes in asymptomatic smokers; is it a time dependent?
Safaa Wafy, Gamal Agamy, Abeer Ali, Speaker to be confirmed

Knowledge, attitude and practices of health care professionals towards tobacco control in south India
Glad Mohesh, Jyotsna Srinath, Rajeev Kuppalagan Rajendiran, Sundaramurthy Annamalai, Speaker to be confirmed

Relationship between gender differences and psychiatric symptom test results in smokers applied to the smoking cessation clinic
Pinar Bostan, Fatmanur Okyaltirik, Emel Kocer, Cigdem Kinik Camlicali, Speaker to be confirmed

Tobacco smoking profile of patients with respiratory ailments at AIIMS Bhubaneswar
Sourin Bhuniya, John Fernando G, Priyadarshini Behera, Gourahari Pradhan, Manoj K. Panigrahi, Prasanta R. Mohapatra, Speaker to be confirmed

Comparison cessation treatment after 5 years experience
Raul Godoy Mayoral, Francisco Javier Callejas González, Javier Cruz Ruiz, Wanda Mayoris Almonte, Marta Genoves Crespo, Francisco Javier Agustín Martínez, Abel Jesús Martínez García, Álvaro García Guerra, Ángel Molina Cano, Ana Isabel Tornero Molina, Speaker to be confirmed

Comparing smoking cessation behaviour, attitudes and knowledge between trained and non-trained healthcare professionals
Joana Sofia Vicente de Carvalho, Ana Alves Santos, Rafaela Campanha, Inês Ribeiro, Cristina Matos, Fernando Nogueira, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Smoking related diseases

Smoking risk in cardiovascular and cerebrovascular diseases
Andrea Filipa Fonseca Carrió, Filipa Fernandes, Rita Gomes, Filomena Luís, Speaker to be confirmed

Comparison of clinical profile and outcome of myocardial Infarction in smokers and non-smokers
Ashok Kumar, Sadhna Panjwani, Speaker to be confirmed

Evaluation of the association between cardiac structural and functional changes in healthy smokers
Thaís Garcia, Ana Natalie Ribeiro Batista, Thyeago Mychell Moreira Santos, Danieliso Renato Fusco, André Luis Bertani, Paula Schmidt Azevedo Gaiolla, Marcos Minicucci, Sergio Alberto Rupp Paiva, Irina Godoy, Suzana Erico Tanni Minamoto, Speaker to be confirmed

Quitting smoking and reduction of cardiovascular risk factors
Juan Manuel Diez Piña, Natividad Quiroz, Teresa Bilbao-Goyoaga, Raquel Pérez Rojo, Dolores Alvaro Alvarez, Paz Rodriguez, Speaker to be confirmed

The importance of smoking as a risk factor of hypertension development in the Arctic region
Irina Gagarinova, Andrei Popov, Andrei Lobanov, Speaker to be confirmed

Comparison of post natal abnormalities and death of infants of smoking and non-smoking women
Sadhana Notani, Ashok Kumar, Speaker to be confirmed

Comparison of osteoporosis in male smokers with or without COPD
Sheikh Abul Hasanat Mohammad Mesbahul Islam, Mohammad Zabed Jillul Bari, A.F.M. Nazmul Islam, Speaker to be confirmed
Do current smoking COPD patients exacerbate more often?
Igor Murga Arizabaleta, Cristina Sánchez Vieco, Ester Marijuan Larrauri, Olatz Llaguno Ochandiano, Amanda Lopez Picado, José Sobradiello Ecenarro, Speaker to be confirmed

Comparison of the effects of smoking and biomass exposure in chronic obstructive pulmonary disease
Ibrahim Koç, Funda Yalçın, Ahmet Ulusan, Speaker to be confirmed

Smoking prevalence among surgically treated lung cancer patients
Tanel Laisaar, Bruno Sarana, Indrek Benno, Speaker to be confirmed

Smoking and lung function among adults with newly-onset asthma
Jouni J.K. Jaakkola, Samu Hernberg, Taina Lauhajen, Penpatha Sripaiboonkij, Maritta Jaakkola, Speaker to be confirmed

Smoking in tuberculosis - Don't we have the knowledge?
Rita Daniela Peixoto Boaventura, David Araújo, Leônio Meira, Leonor Almeida, Catarina Chaves, Helder Novais Bastos, Speaker to be confirmed

Smoking as a risk factor for survival in heart transplantation
Filipe Miguel Ferreira Leite, David Prieto, Manuel Antunes, Speaker to be confirmed

Impact of persistence of smoking on recurrence after early stage lung surgery
Yelda Basbug Tezel, Mustafa Akyıl, Cagatay Tezel, Fatma Tokgoz Akyıl, Serdar Evman, Deniz Gurer, Volkan Baysungur, Ifran Yalcinkaya, Speaker to be confirmed

Lung function and respiratory infections in children exposed to passive smoking
Aleksandar Kamenov, Svetlana Kamenov, Ivana Vidanovic, Borislav Kamenov, Milan Tosic, Speaker to be confirmed

Intensive smoking cessation programme outcome in patients with psychiatric disorder
Daniel Joséires Coutinho, Catarina Marques, Inês Ladeira, Miguel Guimarães, Ivone Pascoal, Speaker to be confirmed

How COPD patients understand their disease and what are their future expectations?
Rasa Gauronskaite, Silvija Zemrickiene, Irina Liustrickyte, Dalia Poceviciute, Edvardas Danila, Ruta Kibarskyte, Speaker to be confirmed

The influence of anxiety on the behavior of smoking in patients with community-acquired pneumonia
Iosif Marinu, Stefan Mihai, Nicoleta Bertici, Daliborca Vlad, Anca Tudor, Livius Timea, Speaker to be confirmed

Attitudes and knowledge of Greek midwives on smoking cessation
Athina Diamanti, Paraskevi Katsaounou, Aexandra Tsoukaraki, Maria Efthimiou, Victoria Vivilaki, Speaker to be confirmed

Social pathology of respiratory diseases in infancy and childhood
Stela Georgieva, Mariela Kamburova, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Latest advances in paediatric sleep medicine
Chairs:

Results of upper airway surgery in < 2 year old children with severe obstructive sleep apnea
An Boudewyns, Paul Van de Heyning, Stijn Verhulst, Speaker to be confirmed

Positional (supine dependent) obstructive sleep apnea (POSA) is uncommon in children
An Boudewyns, Olivier Vanderveken, Paul Van de Heyning, Stijn Verhulst, Speaker to be confirmed

Pulmonary function tests (PFT) and sleep disordered breathing (SDB) in morbidly obese children and adults
Audrey Hochart, Véronique Nève, Iva Gueorguieva, Marie Pigeyre, Christelle Monaca, Anne Mallart, Virginie Debroucker, Olivier Le Rouzic, Régis Matran, Speaker to be confirmed

The importance of a respiratory assessment in morbidly obese paediatric patients prior to bariatric surgery
Cara J. Bossley, Martha Ford-Adams, Simon Chapman, Atul Gupta, Gary Ruiz, Ashish Desai, Speaker to be confirmed
Oximetry screening alone is not sufficient to identify nocturnal hypoventilation in Duchenne muscular dystrophy
Robert Baker, Neil Gibson, Philip Davies, Speaker to be confirmed

CPAP can improve respiratory effort as measured by surface electromyogram of the diaphragm (sEMGdi) in children with sleep-disordered breathing
Sandra Chuang, Arthur Teng, Jane Butler, Simon Gandevia, Hiran Selvadurain, Adam Jaffe, Speaker to be confirmed

Diagnostic value of a biological marker in the diagnosis of obstructive sleep apnea in children
Melania Evangelisti, Ottavio Vitelli, Francesca Cocilovo, Annaluce Zambrano, Marilisa Montesano, Maria Pia Villa, Speaker to be confirmed

Effects of adenotonsillectomy in children with sickle cell disease
Lisa Van Geyzel, Bethany Singh, Baba Inusa, Michael Farquhar, Morium Akthar, Cara Bossley, Wanda Kozlowska, David Rees, Subarna Chakraborty, Gary Ruiz, Ian Hore, Atul Gupta, Speaker to be confirmed

Oral language performance in children with obstructive sleep apnea
Silke Weber, Camila Correa, Dagmar V.M. Abramides, Luciana P. Maximino, Speaker to be confirmed

The relationship between parasomnias and sleep respiratory events in children with epilepsy
Maria Gogou, Evangelos Pavlou, Maria Eboriadou, Katerina Haidopoulou, Speaker to be confirmed

Home cardiorespiratory polygraphy studies in children: A new service
Florian Gahleitner, Michelle Davies, Natasha Liddle, Johanna Gaviak, Hazel J. Evans, Speaker to be confirmed

Sleep-related hypoventilation in children with Prader-Willi syndrome: Experience from two UK paediatric sleep centres
Francois Abel, Hui-Leng Tan, Aidan Laverty, Valentina Negro, Nicola Bridges, Thomas Carlisle, Elaine Chan, Michael Miligkos, Martin Samuels, Athanasios G. Kaditis, Speaker to be confirmed

The association between obstructive sleep apnea and nocturnal enuresis in children
Hanaa Shafiek, Melania Evangelisti, Nashwa Hassan, Jole Rabasco, Mona Elhoshy, Marilisa Montesano, Mario Barreto, Maria Pia Villa, Mahmoud Ibrahim, Speaker to be confirmed

Respiratory complications of children with Prader-Willi syndrome
Valentina Negro, Nicola Bridges, Andrew Bush, Renato Cutrera, Hui-leng Tan, Speaker to be confirmed

Sleep disordered breathing (SDB) in patients with Beckwith-Wiedemann syndrome (BWS)
Doxa Kotzia, Rishi Pabary, Francois Abel, Aidan Laverty, Martin Samuels, Speaker to be confirmed

Management of sleep-disordered breathing in children with achondroplasia
Rossana Tenconi, Sonia Khirani, Alessandro Amaddeo, Genevieve Baujat, Vincent Couloigner, Jorge Olmo Arroyo, Michel Zerah, Valerie Cormier-Daire, Brigitte Fauroux, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: Techniques and tools in paediatric asthma

Feasibility of shotgun urinary proteomics for investigating prematurely born preschoolers (PBP)
Pierluigi Mauri, Rossana Rossi, Antonella De Palma, Rosalina Paola Gagliardi, Valeria Malizia, Giovanna Cilluffo, Giuliana Ferrante, Sabrina D’Arpa, Stefania La Grutta, Speaker to be confirmed

Modified pulmonary index score (MPIS) and indication of hospitalization for acute asthma exacerbation in children
Nagatoshi Sagara, Ryouhei Suzuki, Akiko Aota, Kennishi Akashi, Toshio Kastunuma, Speaker to be confirmed

Informativity of biometric and functional parameters for asthma control verification in children
Igor A. Klimanov, Svetlana Soodaeva, Tatyana Eliseeva, Mary Glukhova, Lidiya Nikitina, Speaker to be confirmed

Lung function determined by impulse oscillometry in preschoolers hospitalised for moderate or severe bronchiolitis in infancy
Joseph Meredith, Matthew Morten, Elizabeth Kepreotes, Adam Collison, Joerg Mattes, Speaker to be confirmed

Hs-CRP in early childhood wheezing
Anette Määtänen, Anne Kotaniemi-Syrjänen, Kristiina Malmström, M. L. Pekka Malmberg, Anna S. Pelkonen, Mika J. Mäkelä, Speaker to be confirmed
High flow nasal cannula (HFNC) long term benefits through a study exploring links between bronchiolitis and (epigenetic) influence of virus to asthma evolution
Kalomoira Kefala, Marie-Christine Seghaye, Speaker to be confirmed

Within- and between-visit repeatability of impulse oscillometry in healthy and symptomatic young children
Hanna Knihtilä, Anne Kotaniemi-Syrjänen, Anna Pelkonen, Satu Kalliola, Mika Mákelä, Pekka Malmenberg, Speaker to be confirmed

The predictive value of capnography in persisting childhood asthma
Zoltán Novák, Sára Fényoszáró, Speaker to be confirmed

Risk factors of FEV1 instability in asthmatic children
Anissa Berraies, Ines Moussa, Besma Hamdi, Amany Touil, Sawssen Torkmen, Jamel Ammar, Saloua Belkhama, Jameedine, Agnes Hamzauoi, Speaker to be confirmed

GST genes defects contribution into asthma phenotypes characteristics in children
Mary Kuropatenko, Natalia Platonova, Zarrina Azamova, Elizaveta Agapova, Ludmila Zheleznina, Speaker to be confirmed

Lung clearance index in asthmatic patients
Luigi Lubrano, Sonia Volpi, Elisa Andreattia, Antonella Borruso, Elena Spinelli, Corrado Vassanelli, Ugo Pradal, Ciro D'Orazio, Speaker to be confirmed

Exhaled nitric oxide (FeNO) levels to guide treatment for children with asthma: A Cochrane systematic review
Helen Petsky, Kayleigh Kew, Catherine Turner, J. Anne Kynaston, Anne Chang, Speaker to be confirmed

Exacerbations after stepping down medication in children with well-controlled asthma: predictive value of spirometry and nitrite/nitrate concentration and pH in exhaled breath condensate
Magdalena Vocos, Andrea Dugour, Marcela Roque, Doris Primrose, Carlos Velasco Suarez, Gimena Donth, Carlos Oliva, Anahi Kruger, Ana Balanzat, Juan Manuel Figueroa, Speaker to be confirmed

The virtual asthma clinic: Description and analysis of website-use
Lara van den Wijngaart, Judith Geldmeijer, Jolt Roukema, Annemie Boehmer, Marianne Brouwer, Cindy Hugen, Titia Niers, Arwen Sprijs, Noor Rikkers-Mutsaerts, Bart Rottier, Chris Verhaak, Marielle Pijnenburg, Peter Merkus, Speaker to be confirmed

Small airway dysfunction and its role in pediatric asthma control assessment
Olaia Sardon, Garazi Azaldegi, Paula Corcuera, Ane Aldasoro, Jose I. Emparanza, Javier Mintegui, Javier Korta, Eduardo G. Pérez-Yarza, Speaker to be confirmed

Results of cluster analysis in predicting remodeling of the bronchi in children with bronchial asthma
Elena Koloskova, Galyna Bilyk, Tatyana Bilous, Speaker to be confirmed

Study of the correlations between FENO and atopic status, blood eosinophils, FCE R2 mutation, and asthma control in Vietnamese children
Hanh Nguyen Thi Bich, Huong Duong Thi Ly, Thom Vu Thi, Nhun Pham Thi Hong, Long Dinh Doan, Timothy J. Craig, Huong Le Thi Minh, Sy Duong-Quy, Speaker to be confirmed

Variability of sputum inflammatory phenotypes in children with asthma
Tetiana Umanets, Yuri Antipkin, Volodymyr Lapshyn, Tamara Zadoroznya, Olga Pustovalova, Alla Nakonechna, Speaker to be confirmed

Carboxyhemoglobin as a marker for chronic carbon monoxide exposure in school-age children with persistent asthma
Jelena Lalic, Jasna Lalic, Maja Slavkovic-Jovanovic, Milanka Ljubenovic, Speaker to be confirmed

Prediction of asthma control and treatment changes in obstructive asthmatic children
Fatma Lacin, Thi Lan Thanh Nguyen, Corinne Alberti, Nicole Beydon, Speaker to be confirmed

12:50 - 14:40
Thematic Poster: Living with asthma around the globe

Impact of health care providers on quality of life of families with asthmatic children (PACQLQ) over time: 4 year follow-up
Shahid Sheikh, Judy Pitts, Nancy Ryan-Wenger, David Stukus, Karen McCoy, Speaker to be confirmed

Evaluation of asthma control among children in the Maghreb and sub-Saharan Africa
Bousayna Iraqi, Chafiq Mahraoui, Speaker to be confirmed
Correlation between meteo-climatological factors and asthma exacerbation among children: A prospective study
Bousayna Iraqi, Chafiq Mahraoui, Speaker to be confirmed

Pulmonary hemodynamics and respiratory function associations in children with bronchial asthma
Oleksandr Onikiienko, Margaryta Gonchar, Valentina Polyakov, Oksana Tsyura, Speaker to be confirmed

Factors associated with childhood asthma control in a resource-poor centre
Bankole Peter Kuti, Kehinde Oluyori Omole, Demilade Kehinde Kuti, Speaker to be confirmed

Risk factors for emergency re-attendance for acute childhood asthma in the city of Esmeraldas, Ecuador
Cristina Ardura-Garcia, Erick Arias, Paola Hurtado, Carlos Sandoval, Phil Cooper, John Blakey, Speaker to be confirmed

A cross-sectional study on quality of life in children with specified and unspecified asthma
Vaida Taminiskiene, Egle Vaitkaitiene, Arunas Valiulis, Speaker to be confirmed

Defining uncontrolled childhood asthma in the global PiCA consortium

Internet use among parents of asthmatic children in Morocco
Bousayna Iraqi, Chafiq Mahraoui, Speaker to be confirmed

Early life wheeze clusters in the Isle of Wight birth cohort
Ramesh J. Kurukulaaratchy, Hongmei Zhang, Claire Hodgekiss, S. Hasan Arshad, Speaker to be confirmed

Prevalence of allergic diseases in children living in rural and urban areas in Turkey
Ersoy Civelek, Yasemin Gökdemir, Banu Cakir, Ahmet Ugur Demir, Can Naci Kocabas, Bulent Karadag, Fazilet Karakoc, Refika Ersu, Speaker to be confirmed

Frequency of prevalence vocal cord dysfunction among patients with uncontrolled asthma in Vinnitsa region of Ukraine
Kostiantyn Dmytryiev, Katilov Oleksandr, A.O. Lobodiuk, Bulat Leonid, I.M. Koroleva, Speaker to be confirmed

Response to bronchodilators in school children with asthma and normal FEV1
Aleksandar Kamenev, Svetlana Kamenev, Milan Tosic, Ivana Vidanovic, Borislav Kamenev, Speaker to be confirmed

Asthma phenotypes in children: Allergic versus non allergic
Seyed Alireza Mahdaviani, Seyed Amir Mohajerani, Mohammad Fakhri, Mazaher Ebrahimi Ebrahimi, Ali Akbar Velayati, Speaker to be confirmed

Analysis of risk factors in children with asthma exacerbations treated at the National Institute of Respiratory Diseases "Ismail Cosio Villegas" (INER)
Angel Isaac Gomez Jacome, Claudia Garrido Galindo, Jose Ivan Rodriguez De Molina, Myrna Raquel Ibarra Gomez, Rogelio Ramos Hernandez Pliego, Speaker to be confirmed

Temporal trends in asthma and asthma-like symptom prevalence in Skopje, The Republic of Macedonia
Emilija Vlashki, Valentina Cvejoska Colakovska, Tara Ristevska, Mica Kimovska, Lidiya Seckova, Vesna Micevska, Joshua Lawson, Speaker to be confirmed

13:00 - 14:30
Educational forum: Recertification of respiratory professionals: current practice and the future

Aims: To discuss the upcoming trends and challenges in recertification for respiratory professionals; to learn from best practices in different countries.

Target audience: Pulmonologist, Educationalist, Clinician, Epidemiologist, General practitioner, Fellow, Junior member, Nurse, Oncologist, Paediatrician, Pathologist, Respiratory physician, Resident, Physiotherapist, Thoracic endoscopist, Thoracic surgeon, Sleep specialist/technologist, Respiratory therapist

Chairs:

13:00 Definition and importance
Carolin Sehlbach (Maastricht, Netherlands)
13:20  Recertification in practice across the world
Frank W.J.M. Smeenk (Eindhoven, Netherlands), Luis Pérez de Llano (Lugo, Spain), Akihito Yokoyama (Kochi, Japan), Speaker to be confirmed

14:00  Panel discussion
Frank W.J.M. Smeenk (Eindhoven, Netherlands), Luis Pérez de Llano (Lugo, Spain), Akihito Yokoyama (Kochi, Japan), Speaker to be confirmed

13:00 - 14:30  Lunchtime session: Should we start screening programmes in Europe
review of current scientific evidence

Aims: The session aims at presenting the latest data in this field both concerning capacity to early diagnose cancers, to discuss and aggregate apparent divergent results from different trials, possible harms related to the screening and diagnosis process and the different approaches concerning the imaging modalities.

Track(s): Oncology

Target audience: Clinicians, Surgeons, Radiation Oncologists, Epidemiologist, General practitioners, Nurses

Chairs: Georgia Hardavella (London, United Kingdom), Chair to be confirmed

13:00  Two dimensional vs three dimensional analysis of nodules detected during screening
Martine Remy-Jardin (Lille, France)

13:22  How to deal with the detected nodule?
Speaker to be confirmed

13:44  The results of the NELSON trial

14:06  What are the current recommendation for screening and which one should we implement
Speaker to be confirmed

13:00 - 14:30  Lunchtime session: Early life origins of asthma and COPD
ERS/NEJM Lunchtime session

Aims: The aim of this lunchtime is to present how microbial and environmental exposures in early life modify the risk of developing asthma and COPD.

Target audience: MISSING

Chairs: Chair to be confirmed

13:00  How microbial and environmental exposures in early life modify the risk of developing asthma and COPD
Urs Frey (Basel, Switzerland)

13:30  Links between childhood and adult airway obstruction
Andrew Bush (London, United Kingdom)

14:00  What are the common biologies that lead to obstructive airway disease?
Speaker to be confirmed

13:00 - 14:30  Lunchtime session: Do we really need PD1/PD-L1 status and next generation sequencing to treat lung cancer?
Pro/con discussions

Aims: Currently, immunooncology almost revolutionizes the treatment of various cancer types, especially lung cancer. Moreover, encouraging preliminary data is available for mesothelioma. These entities respond to PD-1 and PD-L1 inhibition. In addition, more and more targeted agents for the lung cancer therapy are available, beyond tyrosine kinase blockade of mutated EGFR and rearranged ALK. Not to forget Next Generation Sequencing (NGS), allowing detecting many dozens mutations at once.

The provocative question from the clinical standpoint, however, remains: Is detailed molecular testing essential to treat patients with these drugs?

Track(s): Oncology

Tag(s): Clinical

Chairs: Joanna Chorostowska-Wynimko (Warsaw, Poland), Chair to be confirmed
13:00  Is PD1/PD-L1 Resting ready for clinical practise? Pro
       Celine Mascaux (Brussels, Belgium)

13:22  Is PD1/PD-L1 Resting ready for clinical practise? Con
       Rainer G. Wiewrodt (Münster, Germany)

13:44  Is Next Generation Sequencing Resting (NGSR) ready for clinical practise? Pro
       Joanna Chorostowska-Wynimko (Warsaw, Poland)

14:06  Is Next Generation Sequencing Resting (NGSR) ready for clinical practise? Con
       Speaker to be confirmed

13:00 - 14:30
Lunchtime session: GOLD: novel approaches to COPD assessment and management
Aims: The aim of this lunchtime is to provide information on new developments regarding definition and assessment, evaluation and treatment of comorbidities, and definition, treatment and prevention of exacerbations.

Tag(s): Clinical

Target audience: Clinicians, nurses.

Chairs: Alvar Agusti Garcia-Navarro (Barcelona, Spain), Claus Vogelmeier (Marburg, Germany)

13:00  Definition and assessment of COPD
       Speaker to be confirmed

13:30  Evaluation and treatment of comorbidities
       Leonardo Michele Fabbri (Modena, Italy)

14:00  Definition, treatment and prevention of exacerbations
       Wisia Wedzicha (London, United Kingdom)

13:00 - 14:00
Patient forum: Communicating the impact and risk of air pollution to respiratory patients
A joint ELF/ERS session
Aims: To look at the ways in which healthcare professionals can best relay information to respiratory patients about the many issues surrounding air quality and lung health; to investigate the best way to communicate the dangers and the risks to make sure that patients are well informed and ready to take the most appropriate action.

Target audience: Pulmonologists, Emergency medicine doctors, Nurses, Respiratory therapists, Respiratory physicians, Clinical researchers, General practitioners, Trainees, Paediatricians and Allied Health Professionals.

Chairs: Chair to be confirmed

13:00 - 14:30
ERS General Assembly and Council: ERS General Assembly and Council Meeting
Chairs: Jørgen Vestbo (Manchester, United Kingdom)

14:45 - 16:45
Symposium: The future of tyrosin kinase inhibitors
Aims: To describe the present and forthcoming tyrosine kinase inhibitors (TKIs) and their indications as well as to portray future developments up-to-the-minute.

Track(s): Oncology

Tag(s): Clinical

Chairs: Rudolf M. Huber (Munich, Germany), Thierry Berghmans (Brussels, Belgium), Chair to be confirmed

14:45  Understanding the mechanisms of TKIs: the cycle of inhibition and resistance
       Rafael Rosell (Barcelona, Spain)

15:15  The future generations of TKIs
       Jacques Cadranel (Paris, France), Speaker to be confirmed

15:45  Non-invasive detection of molecular abnormalities in blood
       Speaker to be confirmed

16:15  Re-purposing TKI treatment
       Martin Kolb (Hamilton, Canada)
### Symposium: Future challenges in pulmonary arterial hypertension

**Aims:** This symposium will explore the remaining gaps of knowledge in the field of PAH. The current understanding of PAH, as reflected by the guidelines, will be described. Areas of uncertainty, research priority, and opportunities will be presented from the perspective of a clinician, a patient, and a scientist. Finally, a global perspective will be presented.

**Track(s):** Physiology

**Tag(s):** Clinical

**Chairs:** Marc Humbert (Paris, France), Heinrike Wilkens (Homburg/Saar, Germany)

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<tr>
<td>14:45</td>
<td>The clinical perspective</td>
<td>Anton Vonk Noordegraaf</td>
<td>Amsterdam, Netherlands</td>
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<tr>
<td>15:11</td>
<td>The patient's perspective</td>
<td>Pisana Ferrari</td>
<td>Milan, Italy</td>
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<td>The scientific perspective</td>
<td>Werner Seeger</td>
<td>Giessen, Germany</td>
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<td>16:03</td>
<td>The global perspective</td>
<td>Rogério De Souza</td>
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<td>Patient's testimonial</td>
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### Symposium: Living and dying with lung disease

**Aims:** Meeting the physical, psychological, social, and spiritual needs of people living with very severe life-limiting respiratory disease is a challenge. Effective communication is essential, regardless of whether we are supporting a severely disabled patient with COPD struggling to maintain their independence at home, discussing the possible wishes of a patient for ventilation, or seeking to relieve intractable breathlessness. The speakers will address all these challenges after we have heard the narratives of people living and dying with lung disease.

**Tag(s):** Clinical

**Target audience:** All professionals who care for people with severe life-limiting lung disease

**Chairs:** Patrick T White (London, United Kingdom), Georgia Narsavage (Morgantown, United States of America)

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<td>14:45</td>
<td>The Dance of Death: comparing the perceptions of end-of-life in different conditions and the implications for healthcare services</td>
<td>Scott Murray</td>
<td>Edinburgh, United Kingdom</td>
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<tr>
<td>15:11</td>
<td>Talking about dying: communication with people living with and dying from severe lung disease</td>
<td>Carmen Houben</td>
<td>Horn, Netherlands</td>
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<tr>
<td>15:37</td>
<td>Holistic management of breathlessness</td>
<td>Bettina Korn</td>
<td>Dublin, Ireland</td>
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<tr>
<td>16:03</td>
<td>Difficult decisions, challenging communication: the role of respiratory intensive care in people living and dying with very severe lung disease</td>
<td>Stefano Nava</td>
<td>Bologna, Italy</td>
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<td>16:30</td>
<td>Patient's testimonial</td>
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### Symposium: Transition to adult care: what we can learn from cystic fibrosis?

**Aims:** To highlight the important area of transition of adolescents/young persons with a chronic lung disorder from paediatric to adult healthcare services. This age group is notoriously difficult to manage and cystic fibrosis healthcare professionals have a lot of experience that can be applied to other chronic lung conditions. The symposium will discuss adolescent healthcare and what research has been done and what still needs to be done to improve it. We will then concentrate on how to help the families - especially parents - to deal with the massive shift into adult care, focusing on psychological needs. We will then discuss rare conditions, and how best to deal with a situation where often adult physicians have not seen cases before, or where the patient does not fit well into a specialist category. Finally we will hear results from the joint ECFS/ERS taskforce on adult cystic fibrosis care in Europe.

**Tag(s):** Clinical

**Chairs:** Patrick T White (London, United Kingdom), Georgia Narsavage (Morgantown, United States of America)

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### Hot topics: Molecular phenotyping of severe asthma
the role of consortia in driving personalised medicine

**Aims:** The aims of this session are to describe how severe asthma consortia have improved our knowledge of how molecular phenotypes may be linked to clinical features; define how severe asthma phenotypes various across the globe; and outline how integration of data across consortia will enable better drugs for selected patients.

**Tag(s):** Translational

**Chairs:** Kian Fan Chung (London, United Kingdom), Mona Bafadhel (Oxford, United Kingdom)

**14:45**
**SARP: redefining our knowledge of severe asthma**
Sally Wenzel (Pittsburgh, United States of America)

**15:15**
**Novel aspects of severe asthma from BIOAIR**
Sven-Erik Dahlén (Stockholm, Sweden)

**15:45**
**Severe asthma in Asia: insight into phenotypes**
Tae-Bum Kim (Seoul, Republic of Korea)

**16:15**
**Data integration: the way to personalised treatment in severe asthma**
Peter J. Sterk (Amsterdam, Netherlands)

### Hot topics: Genetics, epigenetics and exposome
how to integrate different layers of biological information

**Aims:** It has become clear that genetics do not explain all the inheritance associated with asthma and COPD and that environmental exposures such as cigarette smoking and air pollution can affect the susceptibility and severity of airways disease. The effects of environmental exposures occur at various stages of development including the perinatal period, childhood and adulthood. One factor that links these seemingly disparate processes is epigenetics. Epigenetic mechanisms contribute to gene regulation, and may mediate associations between SNPs and disease as found in different types of studies that focus on genetic susceptibility for specific exposures. The measurement of environmental exposures in genetic and epigenetic studies has shifted from standardised methodology to exposomics, which is considered to represent the totality of exposures received by a person during life, thus offering an unbiased approach for investigating the environmental causes of chronic diseases like asthma and COPD. The concept and applicability of (studies on) interactions between genetics, epigenetics and exposomics, will be subject of this hot topic. Examples of intergrating multiple layers of biological data in relation to respiratory disease will be shown.

**Track(s):** Epidemiology / Environment, Paediatric

**Tag(s):** Translational

**Chairs:** Torben Sigsgaard (Aarhus, Denmark), Ian M. Adcock (London, United Kingdom)

**14:45**
**Exposomics: introduction of the concept and the role of exposures from conception to adolescence and later with adults**
Speaker to be confirmed

**15:15**
**Implications of the exposome and its applicability in clinical and epidemiological studies**
Stephen Rappaport (Berkeley, United States of America)

**15:45**
**Altered DNA methylation levels in the context of exposures and respiratory disease**
Integrating genetic and epigenetic information in relation to COPD
Speaker to be confirmed

14:45 - 16:45
Hot topics: Noninvasive ventilation versus high-flow nasal therapy for hypoxemic patients

Aims: At the end of this session, the audience will understand the physiological effects of applying NIV or HFNT; its advantages and limitations; and criteria to how and when to apply HFNT.

Tag(s): Clinical
Target audience: Clinicians, surgeons, physiotherapists, residents and nurses.
Chairs: Cesare Gregoretti (Turin, Italy), Chair to be confirmed

14:45 The physiological effects of NIV and HFNT: HFNT is not continuous airway pressure
Speaker to be confirmed

15:15 HFNT in acute "denovo" hypoxemic patients
Speaker to be confirmed

15:45 High-flow nasal oxygen versus noninvasive positive airway pressure after surgery
François Stephan (Plessis-Le-Robinson, France)

16:15 HFNT or NIV in hypoxemic patients after extubation in intensive care unit
Salvatore Maggiore (Chieti, Italy)

14:45 - 16:45
Session: Respiratory infectious disease control in Europe
ERS/ECDC joint session

Aims: This symposium will highlight and discuss new developments in respiratory infectious disease prevention and control in Europe with a special attention on migration and refugees from Near- and Middle East and Africa, including tuberculosis, influenza, and other chronic respiratory diseases. The specific objectives are to inform the audience about the epidemiology of respiratory infectious diseases, and present and discuss new guidance for the prevention and control of respiratory infectious diseases.

Track(s): Epidemiology / Environment Infection
Target audience: Allied health professional, Clinician, Epidemiologist, Fellow, General practitioner, Junior member, Microbiologist, Nurse, Paediatrician, Patient, Public health official, Pulmonologist, Researcher, Respiratory physician, Scientist, TB specialist, Trainee
Chairs: Nicolas Schönfeld (Berlin, Germany), Giovanni Sotgiu (Porto Torres, Italy), Chair to be confirmed

14:45 Tuberculosis in refugees from Near- and Middle-East
Speaker to be confirmed

15:15 Interventions and service models for the most at risk of tuberculosis, including refugees
Marijeke van der Werf (Stockholm, Sweden), Speaker to be confirmed

15:45 Pneumonia among refugees and combined vaccination strategy
Speaker to be confirmed

16:15 Impact of the paediatric influenza vaccination programmes
Speaker to be confirmed

14:45 - 16:00
Session: Becoming a successful young researcher in an era of opportunities
Session organised by the ERS Early Career Member Committee (ECMC)

Aims: The aims of this session are to present the relevant work of ERS Early Career Member Committee and explain how the Early Career Member Committee can support junior investigators and clinicians in the development of their research profile, projects and collaborations; to help the audience understand how to prioritise relevant research questions; to discuss how to focus your early research career, and to show what the Early Career Member Committee of ERS, EAACI and CTS can mean for the early career researcher and clinician.

This session is followed by the ERS Career Development Session.

Target audience: Aimed at early-career researchers of all assemblies, although the input from more fellows and other experienced researchers in an active discussion is of course also more than welcome.
Chairs: Agnes Boots (Maastricht, Netherlands), Jørgen Vestbo (Manchester, United Kingdom)

14:45 ERS Early Career Member Committee: how can we support early career researchers?
Agnes Boots (Maastricht, Netherlands)
15:00  How to prioritise relevant research questions  Olympia Tsilochristou (Athens, Greece)

15:15  Difficult choices: how to focus your early research career  Songmin Ying (Hangzhou, China)

15:30  Gapping the bridge between being a junior researcher and becoming an ERS Fellowship recipient  Alexander Mathioudakis (Liverpool, United Kingdom)

15:45  Panel discussion led by Prof. J. Vestbo and introduction to the ERS Career Development Fellowship session.

14:45 - 16:45  Poster Discussion: Biomarkers and phenotypes of COPD and comorbidities

Chairs:

- Role of serum and tissue vascular remodeling markers in bone loss related to end-stage COPD
  Ludmila G. Ugay, Evgenia A. Kochetkova, Vera A. Nezvorova, Yuliya V. Maistrovskaya, Speaker to be confirmed

- Identification of clinical phenotypes in patients with and without COPD using cluster analysis
  Miguel Divo, Ciro Casanova, Jose M. Marin, Bartolome Celli, Juan Pablo de Torres, Francesca Polverino, Rebeca Baz, Elizabeth Cordoba-Lanus, Victor Pinto-Plata, Speaker to be confirmed

- Relationship between blood eosinophil count (Eos), clinical characteristics and mortality of patients with COPD
  Maeva Zysman, Pierre Regis Burge, Jean Louis Paillasseur, Pascal Chanez, Denis Caillaud, Roger Escamilla, Isabelle Court Fortune, Pascal Nesme Meyer, Grazia Brinchault Rabin, Gaetan Deslee, Thierry Perez, Christophe Pinet, Nicolas Roche, Speaker to be confirmed

- Association between adipokines, inflammatory markers and systemic manifestations in chronic obstructive pulmonary disease (COPD) patients
  Carolina Mesquita, Robson Prudente, Laura Caram, Caroline Knaut, Estefania Franco, Duolene Ludimila Nogueira, Liana Coelho, Irma Godoy, Suzana Minamoto, Speaker to be confirmed

- Hypogonadism as a factor influencing health condition in COPD patients
  Renata Rubinsztajn, Tadeusz Przybylowski, Marta Maskey-Warzechowska, Krzysztof Kartwat, Ryszarda Chazan, Speaker to be confirmed

- Endothelial dysfunction in patients with chronic obstructive pulmonary disease and concomitant arterial hypertension and its correction by telmisartan plus amlodipine fixed combination
  Laura Bolieva, Speaker to be confirmed

- Prevalence and clinical correlates of patient-reported autonomic symptoms among subjects with COPD
  Jibril Mohammed, Eric Derom, Jessica Van Oosterwijck, Hellen Da Silva, Patrick Calders, Speaker to be confirmed

- Can coronary artery calcium score (CACS) be valuable in early diagnosis of coronary artery disease in COPD patients?
  Sinem Ozyilmaz, Fethi Alisir, Osman Akin Serdar, Esra Uzaslan, Speaker to be confirmed

- Assessment of lung volumes and capacities in bronchodilator reversibility changes of hyperinflation of COPD
  Wafaa Gadallah, Atef Farouk, Abd Elazeem Aboelfadl, Manal Alkhawaga, Speaker to be confirmed

- The functional state of the diaphragm in COPD patients with hypoxemia
  Vladimir Volchkov, Olga Titova, Darya Sklyarova, Natalia Kusubova, Speaker to be confirmed

- Long-term survival according to Czech clinical phenotypes of COPD: Czech multicentre research database of severe COPD
  Marek Ptitinsky, Barbora Novotna, Patrice Popelkova, Zlatoukal Jaromir, Vladimir Koblizek, Karek Hejdak, Michal Svoboda, Speaker to be confirmed

- Eosinophilic versus non-eosinophilic COPD cannot be distinguished by lung function or CT determined emphysema or airway remodelling
  Leena George, Chris Newby, Sumit Gupta, Deepak R. Subramanian, David G. Parr, Timm Greulich, Dave Singh, Loerns Ziegler-Heitbrock, Chris Brightling, Speaker to be confirmed

- Blood eosinophils and outcomes in COPD
  Jose M. Marin Trigo, Maria Martinez, Pablo Cubero, Marta Forner, Marina Saetta, Manuel G. Cosio, Speaker to be confirmed
Concordance among GOLD, NICE and LLN criteria in the spirometry diagnosis of airflow obstruction
Javier Juan García, Silvia García García a, Luis Carazo Fernández, Jose Cesáreo Naveiro Rilo, Francisco Martínez García a, Jose Luis Palomo García a, Elena Bollo de Miguel, Florentino Díez Fernández, Speaker to be confirmed

Comparison of CT scan-measured pulmonary artery to aorta ratio of combined pulmonary fibrosis and emphysema (CPFE) and COPD
Etsuko Tagaya, Sayo Fujimoto, Ayako Kubo, Akitoshi Sato, Osamitsu Yagi, Kiyoshi Takeyama, Mitsuko Kondo, Jun Tamaoki, Speaker to be confirmed

The characteristic of chronic renal dysfunction in patients with chronic obstructive pulmonary disease
Anna Dudnikova, Elena Bolotova, Speaker to be confirmed

Is chronic patient’s illness behavior similar in the case of different diseases?
Yanina Galetskayte, Svetlana Ovcharenko, Beatrice Volel, Dmitriy Pushkarev, Speaker to be confirmed

14:45 - 16:45
Poster Discussion: Transbronchial diagnostics: from ILD to peripheral lesions
Chairs:

Visualization and quantification of the alveolar compartment of ILD by OCT imaging
Lizzy Wijmans, Daniel M. de Bruin, Peter I. Bonta, Rene E. Jonkers, Joris J.T.H. Roelofs, Inge H.A. van den Berk, Jouke T. Annema, Speaker to be confirmed

Safety and diagnostic yield of transbronchial cryobiopsy
Thitiwat Sriprasart, Alex Aragaki, Sadia Benzaquen, Speaker to be confirmed

Diagnosing Interstitial lung diseases via cryobiopsy in rigid bronchoscopy: Preliminary results
Marta Cuyas Cortadellas, Filiz Oezkan, Eda B. Boerner, Thomas E. Wessendorf, Lutz Freitag, Thomas Hager, Francesco T. Bonella, Juergen Hetzel, Ulrich Costabel, Kaid Darwiche, Speaker to be confirmed

Transbronchial cryobiopsy in the diagnosis of the idiopathic interstitial pneumonias
Maria Asuncion Macia Palazon, Borja G. Cosío, Ernest Sala, Federico Fiorentino, Alberto Alonso, Belén Núñez, Javier Verdú, Jaime Rodríguez, Jaume Sauleda, Speaker to be confirmed

Video assisted medical thoracoscopy (VAMT) hot versus cold lung biopsy in diffuse lung diseases
Tamer Ali El-Hadidy, Abdelhadi Mohamed Shebl, Speaker to be confirmed

Genetic mutations in transbronchial lung biopsy of peripheral lesions
Walther Ivan Giron Matute, Ricardo Garcia-Lujan, Nuria Arenas Valls, Roberto Larrosa-Barrero, Antolina Gómez-López, Eduardo De Miguel Poch, Speaker to be confirmed

Comparison of radial mini probe endobronchial ultrasound with and without virtual bronchoscopic navigation to sample peripheral pulmonary lesions; a retrospective analysis
Badar Ganaie, Nicholas Denny, Janet Mills, Mohammed Munavvar, Speaker to be confirmed

Should CT-guided biopsy for suspected lung cancer be delayed pending PET/CT results?
Paul Griffiths, Joanne Heaton, Sarah Claxton, Speaker to be confirmed

Safety of a new "all in one" 3D device for fiducial tumor marking: A pilot animal study
Bruno Escarguel, Javier Flandes, Jean Baptiste Paoli, Olivier Monnet, Julien Legodec, Clément Fournier, Jean Michel Vergnon, Speaker to be confirmed

Virtual bronchoscopic navigation without X-ray fluoroscopy to diagnose peripheral pulmonary lesions: A randomized trial
Fumihiro Asano, Takashi Ishida, Naofumi Shinagawa, Noriaki Sukoh, Masaki Anzai, Kenya Kanazawa, Tsuzuku Akifumi, Satoshi Morita, Speaker to be confirmed

Comparison between thick and thin bronchoscopes for diagnosis of peripheral pulmonary lesions
Kohei Okafuji, Atsushi Kitamura, Hiroshi Nakaoka, Ryosuke Tsugitomi, Tomoyuki Tanigawa, Yutaka Tomishima, Torahiko Jinta, Naoki Nishimura, Tomohide Tamura, Naohiko Chonabayashi, Speaker to be confirmed

Transbronchial cryobiopsy guided by radial probe-endobronchial ultrasound (RP-EBUS) in the diagnosis of peripheral lung lesions. Initial experience
Eli Nancy Pérez Rodas, Felipe Andreo, Jose Luis Mate, Mohamed Torky, Carmen Centeno, Enric Carcereny, Pere Serra, José Sanz, Carlos Martínez, Barenys, Caroline Becker, Juan Ruiz Manzano, Speaker to be confirmed

ERS International Congress 2016
DETAILED PROGRAMME
TUESDAY 06 SEPTEMBER, 2016
Virtual bronchoscopic navigation: advantages and limitations for the diagnosis of peripheral pulmonary lesions
Jane Winantea, Stephan Eisenmann, Kaid Darwiche, Speaker to be confirmed

Hot saline thermoablation of peripheral non small cell lung cancer safety and efficacy; a feasibility study
Mohammad K. El Badrawy, Mohsen El-Shafey, Asem Hewidy, Mohamed Tohlob, Fatma Akl, Mohamed Ebrahim, Speaker to be confirmed

Diagnostic result and cost of ultrasound-guided percutaneous puncture in peripheral lung lesions made by pulmonologists
Aurelio Wangüemert Pérez, Héctor Manuel González Expósito, Ana Martín Medina, Agustín Medina González Ibez, Speaker to be confirmed

Diagnostic yield of fluoroscopy-guided transbronchial biopsy in peripheral lung lesion: Adequacy of transbronchial sample for tumor genotyping
Stefano Baglioni, Gaetano Cicchitto, Fabrizio Mezzasalma, Elvio Scoscia, Maurizio Dottorini, Speaker to be confirmed

Radial EBUS guided TBNA for diagnosis of peripheral lung lesions
Maciej Gnass, Artur Szlubowski, Jerzy Soja, Lucyna Rudnicka, Piotr Kocon, Jaroslaw Kudzal, Speaker to be confirmed

14:45 - 16:45
Poster Discussion: Mechanisms of disease
Chairs:

Legionella pneumophila-derived outer membrane vesicles promote bacterial replication in macrophages
Anna Lena Jung, Cornelia Stoiber, Christina Herkt, Christine Schulz, Wilhelm Bertrams, Bernd Schmeck, Speaker to be confirmed

MAPKAP kinase 2 (MK2) expression is associated with severe asthma
Geoffrey Chupp, Xiting Yan, Vera Nezgovorova, Nicole Grant, Williamson Bradford, Colleen Brophy, Lauren Cohn, Speaker to be confirmed

Investigating tensin1 expression and the presence of SNP identified in GWAS in COPD
Panayiota Stylianou, Katherine Clark, Peter Bradding, Speaker to be confirmed

Differential effect of fluticasone on Poly(l:C) induced TSLP secretion by bronchial epithelial cells from asthmatic children
Ania Carsin, Jean-Christophe Dubus, Julie Mazenq, Céline Garulli, Jacques De Blic, Pascal De Lagausie, Pascal Chanez, Delphine Gras, Speaker to be confirmed

Therapeutic neutralization of the matrikine PGP suppresses the development of lung emphysema in cigarette smoke exposed mice
Mojtaba Abdul Roda, Xin Xu, Tarek Abdalla, Mariam Sadik, Preston Batchler, Tomasz Szul, Patricia Jackson, Liliana Viera, George Solomon, Michael Wells, Carmel McNicholas, Daniel Sullivan, Frank Redegeld, Gert Folkerts, Amit Gagger, Edwin Blalock, Speaker to be confirmed

DP2/CRTh2 is expressed by ASM cells in asthma and its inhibition suppresses ASM migration
Ruth Saunders, Michael Biddle, Adam Wright, Latifa Chachi, Amanda Sutcliffe, Rachid Berair, Christopher Brightling, Speaker to be confirmed

Airway smooth muscle contractility is increased following coculture with fibrocytes
Ruth Saunders, Davinder Kaur, Fay Hollins, Andrew Wardlaw, Peter Bradding, Christopher Brightling, Speaker to be confirmed

Steroid resistance in COPD is associated with impaired molecular chaperone HSP90 expression by pro-inflammatory lymphocytes
Greg Hodge, Jersmann Hubertus, Hai Tran, Eugene Roscioli, Mark Holmes, Paul Reynolds, Sandra Hodge, Speaker to be confirmed

Sputum levels of miR-145 and miR-338 in COPD, asthma and ACOS subjects
Donato Lacedonia, Grazia Pia Palladino, Maria Pia Foschino Barbaro, Cristina Colanardi, Piera Soccio, Incoronata Caccavo, Giovanna E. Caragnano, Speaker to be confirmed

Altered scavenger receptor expression and response to oxidative stress is linked to defective bacterial phagocytosis in COPD macrophages
Kylie Belchamber, Peter Barnes, Louise Donnelly, Speaker to be confirmed
Micro-RNA-125a/b target A20 and MAVS to promote inflammatory and impair antiviral responses in chronic obstructive pulmonary disease
Peter Wark, Alan Hsu, Malcolm Starkey, Phil Hansbro, Speaker to be confirmed

Deriving type II alveolar cells from pluripotent stem cells to produce a novel model of alpha-1 antitrypsin deficiency pathogenesis
Killian Hurley, Anjali Jacob, Dylan Thomas, Finn Hawkins, Andrew Wilson, Darrell Kotton, Speaker to be confirmed

Mesenchymal knockout of Tgf-b1 impairs lung branching morphogenesis and induces lung hypoplasia in mice
Gianluca Turcatel, Katelyn Millette, Stephanie Leguizamon, Wei Shi, David Warburton, Speaker to be confirmed

Increased expression of a proliferation-inducing ligand (APRIL) in lung leukocytes and alveolar epithelial cells in COPD patients with non small cell lung cancer: A possible link between COPD and lung cancer?
Francesca Polverino, Maria Laacho-Contreras, Joselyn Rojas Quintero, Miguel Divo, Victor Pinto-Plata, Lynette Sholl, Juan P. de Torres, Bartolome Celli, Caroline Owen, Speaker to be confirmed

T lymphocytes in cigarette-smoke induced-emphysema and bronchial remodelling
Giuseppe Lungarella, Giovanna De Cunto, Benedetta Lunghi, Barbara Bartalesi, Eleonora Cavarra, Silvia Fineschi, Cristina Ulivieri, Monica Lucattelli, Speaker to be confirmed

Inhibition of asthma-related immunological responses in mast cells and Th2 cell lines by cultured epithelial cell lines
Timothy Powell, Will Sargent, Rahul Shrimanker, Linda Stoeger, Ian Pavord, Speaker to be confirmed

High-fat diet in mice leads to amplified ozone-induced airway hyperresponsiveness (AHR), mitochondrial dysfunction and insulin resistance
Fabië n Hogema, Ranran Dai, Xiang Li, Christos Rossios, Fan Chung, Ian Adcock, Coen Wiegman, Speaker to be confirmed

T-cell pathways in lung tissue of patients with advanced COPD and IPF requiring lung transplantation
Irena Sarc, Mira Sila, Andreas Mitterbauer, Matthias Zimmermann, Hendrik Ankemits, Matjaz Flezar, Peter Korosec, Speaker to be confirmed

Posters Discussion: Asthma and allergy: from risk factors in infancy to mortality

Late-asthma onset and associated factors
Sara Maio, Sandra Baldacci, Sonia Cerrai, Giuseppe Sarno, Megan Bresciani, Manuela Latorre, Nicola Murgia, Fabrizio Spinozzi, Mariachiara Braschi, Leonardo Antonicelli, Salvatore Battaglia, Lucia Cazzolletti, Barbara Brunetto, Patrizia Iacovacci, Carlo Pini, Mario Pata, Lidia La Grasta, Pierluigi Paggiaro, Giovanni Vieg, Speaker to be confirmed

Trans-generational effects from farm upbringing on offspring asthma - The RHINESSA study
Signe Timm, Brittany Campbell, Cecile Svanes, Morten Frydenberg, Torben Sigsgaard, Mathias Holm, Christer Janson, Lennart Brä bauck, Simone Accordini, Bryndis Benediksdottir, Julia Dratva, Linus Schlöder, Randi Jacobsen Bertelsen, Ane Johannesen, Jose Luis Sanchez-Ramos, Rain Jogi, Shyamali Dharmage, Vivi Schlösennsen, Speaker to be confirmed

Persistent allergic sensitization is associated with asthma and rhinitis among adults
Katja Warn, Helena Backman, Lindberg Anne, Hedman Linnea, Lundbäck Bo, Rö nmack Eva, Speaker to be confirmed

Respiratory and allergic phenotypes at two months of birth: The ELFE cohort
Chantal Raherison-Semjen, Chloe De Sanzberro, Jacques De Blic, Christophe Marguet, Emeline Scherer, Gabriel Reboux, Marie-Christine Delmas, Bé na dicte Leynaert, Steffie Rocchi, Laurence Millon, Marie-Noelle Dufour, Corinne Bois, Marie-Aline Charles, Speaker to be confirmed

Validation of self-reported asthma in a generation study
Ingrid Nordeide Kuiper, Cecile Svanes, Bryndis Benediksdottir, Randi Jacobsen Bertelsen, Lennart Brä bauck, Shyamali C. Dharmage, Mathias Holm, Christer Janson, Rain Jogi, Jesus Martínez-Moratalla, Francisco Gómez, José Luis Sánchez-Ramos, Ane Johannesen, Speaker to be confirmed

Asthma mortality in the U.K and member nations between 2001 and 2011
Mome Mukherjee, Ramyani Gupta, David Strachan, Ceri Phillips, Gwyneth Davies, Aziz Sheikh, Speaker to be confirmed
Multinational, database cohort study to study mortality and risk factors of mortality in patients with asthma
Katia M.C. Verhamme, Marjolein Engelkes, Maria de Ridder, Elisabeth Svensson, Klara Berencsi, Daniel Prieto-Alhambra, Francesco Lapi, Carlo Giaquinto, Gino Picelli, Nada Boudiaf, Daniel Prieto, Robert Suzuki, Hana Muellerova, Peter Rijnbeek, Miriam Sturkenboom, Speaker to be confirmed

Influence of diet in infancy on asthma and atopy in young adults
Sadiyah Hand, Ken Jones, Iolo Doull, Speaker to be confirmed

LABA safety in actual medical practice: Results from between groups analyses in the ASTROLAB study
Eric van Ganse, Laurent Laforest, Sandrine Herbage, Flore Jacoud, Alexandra L. Dima, Nathalie Texier, Montse Ferrer, Marijn de Bruin and the ASTROLAB Group, Speaker to be confirmed

Lung function, FE_{no}, symptoms and obesity in asthma - A cross-sectional study
Marise Kasteleyn, Tobias Bonten, René de Mutsert, Willemien Thijs, Pieter Hiemstra, Saskia Le Cessie, Frits Rosendaal, Niels Chavannes, Christian Taube, Speaker to be confirmed

Age at asthma onset and lung function among 19 year old asthmatics
Linnea Hedman, Martin Andersson, Caroline Stridsman, Helena Backman, Eva Rönmark, Speaker to be confirmed

Are workers at greater risk of undiagnosed asthma?
Christian Schyllert, Martin Andersson, Anne Lindberg, Helena Backman, Linnea Hedman, Bo Lundbäck, Eva Rönmark, Speaker to be confirmed

The disease burden of mild asthma: Findings from a 2013 real world survey
Bo Ding, Mark Small, Harriet Foden, Speaker to be confirmed

Current burden of uncontrolled asthma in the general population: The OPCRD asthma state of the union study
Shawna Tan, Mike Thomas, Anjan Nibber, Wim van Aaleren, Eugene Bleecker, Jonathan Campbell, Nicolas Roche, John Haughney, Eric Van Ganse, Hye-Yun Park, Chin Kook Rhee, Derek Skinner, Alison Chisholm, Job van Boven, Rosalind Bonomally, Vicky Thomas, Joan Soriano, David Price, Speaker to be confirmed

Do correct steps using pMDI technique with spacer predict no exacerbations of Asthma or COPD?
Kyra Bartolo, Yanika Gatt, Lara Micalef, Stephen Montefort, Martin Balzan, Speaker to be confirmed

Asthma control during pregnancy and associated factors
Angelo Guido Corsico, Francesca Locatelli, Lucia Cazzoletti, Amelia Grossio, Fedrica Albicini, Erica Gini, Vanessa Ronzoni, Eti Maria Giulia Di Vincenzo, Isa Cerveri, Speaker to be confirmed

Interaction of AHRR-methylation and gestational smoking influences adolescent eczema, but not asthma
Nandini Mukherjee, Veeresh Patil, Su Chen, Hongmei Zhang, S. Hasan Arshad, John W. Holloway, Wilfried Karmaus, Speaker to be confirmed

Characterisation of lung function at 18 by early life wheeze phenotype
Claire Hodgekiss, S. Hasan Arshad, Graham Roberts, Elinor Jenkins, Ramesh Kurukulaaratchy, Speaker to be confirmed

Poster Discussion: Emerging issues in smoking cessation and tobacco products
Chairs:

Who refers to a hospital-based smoking cessation service in the real world?
Keir E. Lewis, Victoria Ashman, Sarra Reynolds, Rhia Davye, Hurrell Cath, Einon Cath, Speaker to be confirmed

Smoking cessation in patients with cancer under real life conditions
Angeliki Florou, Christos T. Papadas, Maria Berikou, Konstantinos Syrigos, Ioannis Gkiozos, Christina Gratzios, Speaker to be confirmed

Success rates are correlated mainly to completion of a smoking cessation program
Martha Andritsou, Sotiria Schoretsaniti, Eleni Litsiou, Vasiliki Sallagianni, Kondylia Konstadara, Andromachi Spiliotopoulou, Sryridon Zakynthinos, Paraskevi Katsaounou, Speaker to be confirmed
Cost effectiveness of inpatient initiated varenicline tartrate (VT) plus counselling compared to counselling alone: 2 year follow-up of the Smoking Termination Opportunity for inPatients (STOP) study
Brian Smith, Kristin Carson, Kim Dalziel, Malcolm Brinn, Foruhar Moayeri, Philip Clarke, Matthew Peters, Adrian Esterman, Speaker to be confirmed

Comparison of efficacy of varenicline and nortriptyline- Short-term smoking cessation in outpatient setting
Porames Khunrong, Chanchai Sittipunt, Speaker to be confirmed

How much does smoking cessation (SC) medications impacts on the income of the attendees of a smoking cessation clinic? A cross-sectional study
Sofia Belo Ravara, Lucia Gil, Speaker to be confirmed

Attitudes to smoking and quitting in UK HIV positive adults: Would more education help?
James Brown, Jennifer McGowan, Hende Choual, Santino Capocci, Colette Smith, Daniel Ivens, Fiona Lampe, Margaret Johnson, Alison Rodger, Marc Lipman, Speaker to be confirmed

Smoking status at 18-19yo according age of first experimentation in Parisan schoolchildren
Bertrand Dautzenberg, Pierre Dirkui, Nicole Rieu, Marie-Dominque Dautzenberg, Speaker to be confirmed

Testing for factors associated with desire to quit smoking at an HIV/STI Clinic
Keishia Taylor, Kate Babineau, Sheila Keogan, Luke Clancy, Speaker to be confirmed

Characteristics of Iranian hookah users aged 15 years and older, primary report
Zahra Hessami, Mohammad Reza Masjedi, Hooman Sharifi, Hamidreza Jamaati, Habib Emami, Speaker to be confirmed

Waterpipe tobacco smoking prevalence and its related factors among Iranian population
Zahra Hessami, Mohammad Reza Masjedi, Hooman Sharifi, Hamidreza Jamaati, Habib Emami, Speaker to be confirmed

Waterpipe tobacco smoking may potentiate risk of fungal and bacterial infections
Alireza Javadi, Makan Sadr, Masoud Shamaei, Mahin Pourabdollah, Mahsima Arjmand, Ali Abdolahinia, Speaker to be confirmed

Chronic exposure to water-pipe smoke induces alveolar enlargement, DNA damage and impairment of lung function in mice
Abderrahim Nemmar, Suhail Al-Salam, Priya Yuvaraju, Sumaya Beegam, Javed Yasin, Badreldin H. Ali, Speaker to be confirmed

Use of oral and nasal tobacco and asthma symptoms in a Nordic population
Randi Bertelsen, Ane Johannessen, Bryndis Benediktsdottir, Lennart Brå, Shyamali C. Dharmage, Mathias Holm, Christer Janson, Rain Jogi, Jesus Moratalla, José Luis Sánchez-Ramos, Vivi Schlü nnsen, Torben Sigsgaard, Trude D. Skorge, Cecílie Svanes, Speaker to be confirmed

14:45 - 16:45
Poster Discussion: Post-transplant complications: from animal models to bedside
Chairs :

Bone marrow-derived mesenchymal stem cells transplantation in a model of bronchiolitis obliterans
Jose Luis Campo-Cañaveral de la Cruz, David Gómez de Antonio, Mercedes Zurita Castillo, Martin Santos González, Carmen González, Lez Lois, Andrés Varela de Ugarte, Speaker to be confirmed

Overexpression of hypoxia-inducible factor (HIF)-1 in ischemia/reperfusion injury developed in a lung transplantation model
Francesca Lunardi, Stefania Vuljan, Nazarena Nannini, Davide Zampieri, Davide Bernardini, Marta Vadori, Emanuele Cozzi, Federico Rea, Fiorella Calabrese, Speaker to be confirmed

Orthotopic lung transplantation in a single-mismatch-based mouse model shows signs of chronic lung allograft dysfunction (CLAD)
Natalia Smirnova, Thomas Conlon, Ali Önder Yildirim, Oliver Eickelberg, Speaker to be confirmed

Differences in the lipidomic profile of bronchial washing (BW) and bronchoalveolar lavage (BAL) in lung transplanted patients
Domenica Federica Brigantti, Beatrice Aramini, Carla Kim, Robin Chan, Bowen Zhou, Somwmya Sreekanth, Kashif Raza, Hilary Robbins, Lori Shah, Selim Arcasoy, Joshua Sonett, Federica Meloni, Gilbert Di Paolo, Frank D’Ovidio, Speaker to be confirmed
Optimizing a protocol for the NMR-based metabolic profiling of BAL f in bronchiolitis obliterans syndrome
Cristina Airoldi, Carlotta Ciaramelli, Marco Fumagalli, Sara Magni, Simona Viglio, Davide Piloni, Annamaria Bardonii, Paolo Iadarola, Federica Meloni, Speaker to be confirmed

Evidence of indirect allorecognition of HLA /non-HLA antigens expressed by bronchial epithelial cells from lung transplant recipients
Vincent Bunel, Severine Letuve, Marina Pretolani, Chantal Schenowitz, Edgardo Carosella, Nathalie Rouass-Freiss, Olivier Brugiere, Speaker to be confirmed

Utility of C4d by immunohistochemistry for the diagnosis of antibody-mediated rejection in lung transplantation
Carine Ngo, Claire Daniel, Sy Duong-Quy, Olivier Brugié re, Auré lie Cazes, Speaker to be confirmed

Long-term outcome of lung recipients: The role of CD4+CD25highCD127- treg
Davide Piloni, Monica Morosini, Sara Magni, Alice Balderacchi, Emanuela Cova, Simona Inghilleri, Luigia Scudeller, Tiberio Oggionni, Filippo Antonacci, Giulia Stella, Federica Meloni, Speaker to be confirmed

KL-6 in serum as a biomarker for differentiation of chronic allograft dysfunction in lung transplant. Preliminary results
Cristina Berastegui, Susana Gomez-Olles, Alberto Mendoza-Valderrey, Berta Sá ez-Gimenez, Manuel López-Meseguer, Carlos Bravo-Masgoret, Mario Culebras, Victor Monforte, Antonio Roman, Speaker to be confirmed

Exhaled nitric oxide: A biomarker for chronic lung allograft dysfunction?
Mark Greer, Thomas Fuehner, Tobias Welte, Jens Gottlieb, Speaker to be confirmed

Diffusion capacity as a predictor of prognosis after onset of CLAD
Hans Henrik Schultz, Stijn Verleden, Robin Vos, Bart Vanaudenaerde, Geert Verleden, Michael Perch, Are Martin Holni, Martin Iversen, Speaker to be confirmed

Inflammation and primary graft dysfunction after lung transplantation: CT-PET findings
Davide Chiumello, Miriam Gotti, Chiara Chiaruzzi, Mariateresa Guanziroli, Matteo Brioni, Bijan Safaeefakhr, Andrea Colombo, Dario Massari, Antonio Cammaroto, Felicia Zito, Massimo Cressoni, Speaker to be confirmed

Uncontrolled non-heart-beating donors vs. brain dead donors in lung transplantation: Comparison of early and late results
Daniel Valdivia Concha, David Gomez De Antonio, Lucas Hoyos Mejía, Jose Luis Campo-Cañaveral, Andres Varela de Ugarte, Speaker to be confirmed

Does perfusion with the organ care system influence inflammatory response in lung transplantation?
Rosalba Romano, Louit Thakuria, Shirin Sheibani, Fabio De Robertis, Aron-Frederik Popov, Mohamed Amrani, Toufani Bahrami, Paras Dalal, Simona Soresi, Martin Carby, Anna Reed, Andre Simon, Nandor Marczin, Harefield POPSTAR Group, Speaker to be confirmed

Oto score and medium-term outcomes in lung transplantation
Valeria Rossetti, Letizia Corinna Morlacchi, Alice D’Adda, Maria Pappattega, Davide Tosi, Alessandro Palleschi, Paolo Tarsia, Mario Nosotti, Francesco Blasi, Speaker to be confirmed

Impact of diabetes mellitus on survival and hospitalization after lung transplantation
Marianne Riou, Philippe Baltzinger, Michele Porzio, Tristan Degot, Sandrine Hirsch, Nicola Santelmo, Pierre-Emmanuel Falcoz, Gilbert Massard, Laurence Kessler, Romain Kessler, Speaker to be confirmed

Risk of post-transplantation diabetes mellitus (PTDM) with different calcineurin inhibitors
Benjamin-Alexander Bollmann, Benjamin Seeliger, Jens Gottlieb, Mark Greer, Speaker to be confirmed

The effect of everolimus on lung function and renal status in lung transplanted patients
Filippo Patrucco, Michela Belloccia, Giulia Verri, Giancarlo De Leo, Daniela Libertucci, Francesco Coni, Marco Bardessono, Massimo Boffini, Caterina Bucca, Paolo Solidoro, Speaker to be confirmed

14:45 - 16:45
Oral Presentation: IPF clinical I

Unanalyses of the relationship between FVC, extent of fibrosis and extent of emphysema in patients with idiopathic pulmonary fibrosis (IPF)
Vincent Cottin, David M. Hansell, Nicola Sverzellati, Derek Weycker, Katerina M. Antoniou, Mark Atwood, Gerry Oster, Klaus-Uwe Kirchgaessler, Athol U. Wells, Speaker to be confirmed
Development of a national patient charter for idiopathic pulmonary fibrosis
Nicola Cassidy, Liam Galvin, Denise Dunne, Jim Egan, Speaker to be confirmed

Symptoms and quality of life in relation to lung function and comorbidities in patients with idiopathic pulmonary fibrosis: INSIGHTS-IPF registry
Michael Kreuter, Hubert Wirtz, Antje Prasse, David Pittrow, Dirk Koschel, Jens Klotsche, Stefan Andreas, Martin Clausen, Christian Grosse, Matthias Held, Sven Gläser, Heinrike Wilkins, F. Joachim Meyer, Martin Schwebelmaier, Dirk Skowasch, Joachim Kirschner, Andrea Koch, Claus Neurohr, Rudolf M. Huber, Winfried J. Randerath, Ralf Ewert, Juergen Behr, Speaker to be confirmed

Negative outcome of prednisone in possible idiopathic pulmonary fibrosis
Ivo Wiertz, Wim Wuyts, Coline van Moorsel, Renske Vorselaars, Miranda Ten Hoedt-Zijp, Wouter van Es, Matthys van Oosterhout, Jan Grutters, Speaker to be confirmed

PROOF: A prospective observational registry to describe the disease course and outcomes of idiopathic pulmonary fibrosis patients in a real-world clinical setting in Belgium and Luxembourg: Exposure in the interim report of 175 IPF patients
Wim Wuyts, Benjamin Bondue, Caroline Dahlqvist, Hans Slabbynck, Marc Schlesser, Geert Verleden, Karl Richir, Christophe Compere, Natacha Gusbín, Guý Joos, Sofie Maddens, Speaker to be confirmed

Health status & impact of living with idiopathic pulmonary fibrosis (IPF): UK & Ireland Delphi survey
Anne-Marie Russell, Georgina Jones, Ruth Sabella, Nicola Cassidy, Geraldine Burge, Sarah Lines, Louise Stanley, Sophie Fletcher, Malcolm Weallans, Mike Bray, Fleming Sharon, Maher Toby, Cullinan Paul, Speaker to be confirmed

Transbronchial pulmonary criobiopsy’s relevance in the diagnostic approach of diffuse pulmonary diseases: Data analysis of the initial learning curve
Leonor Almeida, Patrícia Mota, Natália Melo, José Miguel Pereira, Rui Cunha, Susana Guimarães, Conceição Souto-Moura, Adriana Magalhães, António Morais, Speaker to be confirmed

Oral Presentation: Mechanisms of symptom and exercise limitation in health and disease
Chairs:

Influence of systolic heart failure on exercise PETCO₂ >2 in COPD
Flavio Ferlin Arbex, Maria Clara Alencar, Aline Souza, Adriana Mazzuco, Priscila Sperandio, Alcides Rocha, Danilo C. Berton, Audrey Borghi-Silva, Denis E. O’Donnell, J. Alberto Neder, Speaker to be confirmed

Cardiac adaptations to non-linear aerobic training in patients with COPD
Jinelle Gelinas, Neil Eves, Speaker to be confirmed

Exercise capacity and pulmonary vascular pressure-flow relationships in different body positions
Yoshiki Motoji, Kevin Forton, Gael Deboeck, Vitalie Faoro, Robert Naeije, Speaker to be confirmed

Prognostic role of excessive exercise ventilation in non-operative patients with chronic thromboembolic pulmonary hypertension
Roberta Pulcheri Ramos, Eloara V.M. Ferreira, Angelo X.C. Fonseca, Carolina M.S. Messina, Rudolf K.F. Oliveira, Camila M.O. Costa, Danielle C. Bedin, J. Alberto Neder, Luiz Eduardo Nery, Jaqueline Sonoe Ota-Arakaki, Speaker to be confirmed

Contrasting cardiovascular responses to exercise in mitochondrial myopathy and pulmonary arterial hypertension
Luiza Helena Degani-Costa, Márcia Rodrigues, Roberta Pulcheri Ramos, Eloara V.M. Ferreira, Angelo X.C. Fonseca, Ana Gimenes, Daniela Bravo, Jaqueline Sonoe Ota-Arakaki, J. Alberto Neder, Luiz Eduardo Nery, Speaker to be confirmed

Air trapping is associated with exercise capacity in persons without overt obstructive lung disease
Mehrdad Arjomandi, Rachel Stiner, Siyang Zeng, Jeroen Geerts, Warren Gold, Speaker to be confirmed

Resting physiological markers of exercise intolerance in smokers with mild airway obstruction
Amany Elbehairy, Jordan Guenette, Dennis Jensen, Katherine A. Webb, J. Alberto Neder, Denis E. O’Donnell, Speaker to be confirmed
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
<th>Speaker to be confirmed</th>
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<tbody>
<tr>
<td>14:45</td>
<td>Dose norepinephrine participate in the central regulation of genioglossus in chronic-intermittent-hypoxia rat?</td>
<td>Wei Wang, Ling Zhou, Aidi Wang</td>
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<tr>
<td>15:00</td>
<td>Ventilatory response amongst patients with obstructive sleep apnoea</td>
<td>Christopher Earing, Damien McKeon, Jonathan Moore, Hans-Peter Kubis</td>
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<td>15:15</td>
<td>Effect of increasing cerebral blood flow on sleep architecture at high altitude</td>
<td>Samuel Lucas, Katie Burgess, Kate Sprecher, Joseph Donnelly, Aparna Basnet, Philip Ainslie, Keith Burgess</td>
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<td>15:30</td>
<td>Varying patterns of hyperpnea during Cheyne-Stokes respiration in heart failure: Implication for cardiac function</td>
<td>Elisa Perger, Toru Inami, Owen Lyons, Stephanie Smith, T. Douglas Bradley</td>
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<td>15:45</td>
<td>Cycle length identifies complex sleep apnea in patients with chronic heart failure - A matched control study</td>
<td>Thomas Bitter, Burak Özdemir, Henrik Fox, Florian Schindhelm, Zisis Dimitriadis, Dieter Horstkotte, Olaf Oldenburg</td>
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<td>16:00</td>
<td>Neural respiratory drive in patients with COPD alone and those with overlap syndrome</td>
<td>Baiting He, Gan Lu, Sichang Xiao, Rui Chen, Joerg Steier, John. Moxham, Michael I. Polkey, YuanMing Luo</td>
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<td>16:15</td>
<td>Impaired hypoxic ventilatory response in Chinese Han and Uygur patients with obstructive sleep apnea-hypopnea syndromes</td>
<td>He Zhongming, Wang Peipei, Jiang Xuelong, Han Fang, Li Jiangping, Ye Zhou</td>
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### 14:45 - 16:45

**Oral Presentation: Therapeutic horizons: novel targets and pharmacological models**

**Chairs:**

<table>
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<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
<th>Speaker to be confirmed</th>
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<tr>
<td>14:45</td>
<td>Intratracheal administration of bone marrow-derived mesenchymal stem cells ameliorates lung function</td>
<td>Giuseppe Spaziano, Konrad Urbanek, Antonella De Angelis, Elena Piegari, Maria Matteis, Manuela Sgambato, Gioia Tartaglione, Teresa Palmira Russo, Donato Cappetta, Grazia Esposito, Rosa Russo, Bruno D’Agostino</td>
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<td>15:00</td>
<td>Pharmacological characterization of CH125243, a novel potent inhaled inhibitor of neutrophil elastase</td>
<td>Daniela Miglietta, Chiara Camini, Veronica Puviani, Harry Finch, Craig Fox, Mary Fitzgerald, Riccardo Patacchini, Maurizio Civelli, Gino Villetti</td>
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<td>15:15</td>
<td>Strong reversal of the lung fibrosis disease signature by autotaxin inhibitor GLPG 1690 in a mouse model for IPF</td>
<td>Maté Ongenaert, Sonia Dupont, Roland Blanqué, Reginald Brys, Ellen van der Aar, Bertrand Heckmann</td>
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<td>15:30</td>
<td>The anti-inflammatory effects of eucalyptol in a mouse model of LPS-induced pulmonary inflammation are mediated by TRPM 8</td>
<td>Anabel de Caceres Bustos, Boyi Liu, Sairam Jabba, John Morris, Sven-Eric Jordt</td>
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<td>16:00</td>
<td>Evaluation of nanoparticles in human lung fibroblasts and PCLS</td>
<td>Gunilla Westergren-Thorsson, Lena Thiman, Vendela Rissler, Hanna Karlsson, Anna-Karin Larsson-Callerfelt</td>
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<td>16:15</td>
<td>Ex vivo elastase and hydrogen peroxide stimulation in lung slices: novel models to study lung repair</td>
<td>Loes E.M. Kistemaker, Eline M. van Dijk, Sule Culha, John-Poul Ng-Blichfeldt, Mark H. Menoud, Reinoud Gosens</td>
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### 14:45 - 16:45

**Oral Presentation: Insights into pathophysiology of childhood lung disease**

**Chairs:**

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
<th>Speaker to be confirmed</th>
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<tbody>
<tr>
<td>14:45</td>
<td>Intrapulmonary administration of bone marrow-derived mesenchymal stem cells ameliorates lung function</td>
<td>Giuseppe Spaziano, Konrad Urbanek, Antonella De Angelis, Elena Piegari, Maria Matteis, Manuela Sgambato, Gioia Tartaglione, Teresa Palmira Russo, Donato Cappetta, Grazia Esposito, Rosa Russo, Bruno D’Agostino</td>
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<tr>
<td>15:00</td>
<td>Pharmacological characterization of CH125243, a novel potent inhaled inhibitor of neutrophil elastase</td>
<td>Daniela Miglietta, Chiara Camini, Veronica Puviani, Harry Finch, Craig Fox, Mary Fitzgerald, Riccardo Patacchini, Maurizio Civelli, Gino Villetti</td>
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<tr>
<td>15:15</td>
<td>Strong reversal of the lung fibrosis disease signature by autotaxin inhibitor GLPG 1690 in a mouse model for IPF</td>
<td>Maté Ongenaert, Sonia Dupont, Roland Blanqué, Reginald Brys, Ellen van der Aar, Bertrand Heckmann</td>
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<tr>
<td>15:30</td>
<td>The anti-inflammatory effects of eucalyptol in a mouse model of LPS-induced pulmonary inflammation are mediated by TRPM 8</td>
<td>Anabel de Caceres Bustos, Boyi Liu, Sairam Jabba, John Morris, Sven-Eric Jordt</td>
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<tr>
<td>16:00</td>
<td>Evaluation of nanoparticles in human lung fibroblasts and PCLS</td>
<td>Gunilla Westergren-Thorsson, Lena Thiman, Vendela Rissler, Hanna Karlsson, Anna-Karin Larsson-Callerfelt</td>
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<tr>
<td>16:15</td>
<td>Ex vivo elastase and hydrogen peroxide stimulation in lung slices: novel models to study lung repair</td>
<td>Loes E.M. Kistemaker, Eline M. van Dijk, Sule Culha, John-Poul Ng-Blichfeldt, Mark H. Menoud, Reinoud Gosens</td>
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<td>Time</td>
<td>Title</td>
<td>Presenters</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>14:45</td>
<td>Longitudinal evaluation of diaphragmatic function in children with congenital diaphragmatic hernia</td>
<td>Sonia Khirani, Alessandro Amaddeo, Jorge Olmo-Arroyo, Alexandre Lapillonne, Odile Becquet, Naziha Khen-Dunlop</td>
<td>Christophe Delacourt</td>
</tr>
<tr>
<td>15:00</td>
<td>Multiple breath washout can facilitate the diagnosis of lung graft-versus-host disease in children after allogeneic hematopoietic stem cell transplantation</td>
<td>Christina Kavouridou, Karin Mellgren, Anders Lindblad, Per Gustafsson, Karsten Koetz</td>
<td>Speaker to be confirmed</td>
</tr>
<tr>
<td>15:15</td>
<td>Contextualized assay of urinary biomarkers for the diagnosis of OSA in children</td>
<td>Biju Thomas, John E. Connolly, Zai Ru Cheng, Veonice Bijin Au, John C. Allen Jr, Soh Gin Tan, Meilan Lim, Qiao Ling Tan, Qixian He, Yi Ping Tan, Candice Teo, Christina Seng, Arun Pugalenth, Anne Goh, Petra Wong, Oon Hoe Teoh</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>15:30</td>
<td>Automated analysis of overnight oximetry recordings by means of support vector machines to assist in the diagnosis of paediatric sleep apnoea</td>
<td>Andrea Crespo Sedano, Daniel Alvarez Gonzalez, Leila Kheirandish-Gozal, Gonzalo Cesareo, Roberto Hornero Sanchez, David Gozal, Felix Del Campo Martinez</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>15:45</td>
<td>Methacholine hyperresponsiveness was related to nitric oxide regulation in growth restricted preterm born children</td>
<td>Anne Lise Bjørke Monsen, Maria Vollseter, Per Magne Ueland, Knut Øymar, Trond Markes, Thomas Halvorsen</td>
<td>Speaker to be confirmed</td>
</tr>
<tr>
<td>16:00</td>
<td>Association between nocturnal enuresis and snoring in the community-dwelling 21,380 children</td>
<td>Hiroo Wada, Manami Kimura, Ryutaro Shirahama, Toshinari Hayashi, Yuka Suzuki, Koutatsu Maruyama, Ai Ikeada, Takeshi Tanigawa</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>16:15</td>
<td>Nonuniform growth in pediatric lung function between 4 and 14 years of age</td>
<td>Ellie Oostveen, H. Bentouhami, M. Hagendorens, W. De Backer, J. Weyler</td>
<td>Speaker to be confirmed</td>
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**16:00 - 17:15**

**Session: ERS Fellowship Career Development session**

**Aims:** Discussion and presentation of ERS fellowships activities. This session is followed by the ERS Young Scientists Networking Evening.

**Target audience:** Young scientists, Early Career Member Committee members, prospective applicants to ERS fellowships

**Chairs:** Maria Gabriela Belvisi (London, United Kingdom), Stephen T. Holgate (Southampton, United Kingdom), Guy Brusselle (Ghent, Belgium), Rory Morty (Bad Nauheim, Germany)

**16:00**

**Welcome & Introduction**

Maria Gabriela Belvisi (London, United Kingdom), Rory Morty (Bad Nauheim, Germany)

**16:10**

**Synergies and support of JMC**

Speaker to be confirmed

**16:20**

**EU fellowships programmes**

**16:30**

**Fellowship in industry**

**16:40**

**Short-term research training fellowships (STRTF)**

**16:50**

**Long-term research fellowships**

Bart Hilvering (Utrecht, Netherlands)

**17:00**

**Marie Curie fellowships**

**17:10**

**Wrap up and closure**

Rory Morty (Bad Nauheim, Germany)
08:30 - 10:30

Symposium: New frontiers in lung transplantation

**Aims:** This symposium will describe the new state-of-the-art findings in lung transplantation, donor management, and complications.

**Tag(s):** Clinical

**Chairs:** Federica Meloni (Pavia, Italy), Jens Gottlieb (Hannover, Germany), Chair to be confirmed

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<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker &amp; Location</th>
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<tr>
<td>08:30</td>
<td>New horizons of chronic lung allograft dysfunction</td>
<td>Keith Meyer (Madison, United States)</td>
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<tr>
<td>09:00</td>
<td>Humoral rejection: the state-of-the-art in lung transplantation</td>
<td>Allan Glanville (Sydney, Australia)</td>
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<tr>
<td>09:30</td>
<td>New imaging techniques for chronic lung allograft dysfunction</td>
<td>Stijn Verleden (Leuven, Belgium)</td>
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<tr>
<td>10:00</td>
<td>The current ability of ex vivo lung perfusion (EVLP) to recondition donor lungs</td>
<td>Andrew Fisher (Newcastle, United Kingdom)</td>
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08:30 - 10:30

Symposium: Respiratory infections in high-income countries: old challenges and new threats preceded by Ceremony for the ERS Research Award: Innovation in Non-Tuberculous Mycobacteria Science and Medicine

**Aims:** This symposium will highlight and discuss new developments in respiratory infectious disease prevention and control in the European Union. The focus will be on tuberculosis, influenza, legionella, and new emerging respiratory infections. Specific objectives are to inform the audience about the epidemiology of respiratory infectious diseases, and to present and discuss new guidelines for preventing and controlling respiratory infectious diseases.

**Track(s):** Infection

**Chairs:** Marieke van der Werf (Stockholm, Sweden), Antoni Torres Marti (Barcelona, Spain), Mario C. Raviglione (Geneva, Switzerland)

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<tr>
<td>08:30</td>
<td>Ceremony for ERS Research Award: Innovation in Non-Tuberculous Mycobacteria Science and Medicine</td>
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<tr>
<td>08:40</td>
<td>Molecular mechanisms of antimicrobial resistance</td>
<td>Speaker to be confirmed</td>
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<td>09:07</td>
<td>Opportunities and challenges in whole genome sequencing for TB prevention and control</td>
<td>Francis Drobniowski (London, United Kingdom)</td>
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<td>09:34</td>
<td>The role of the microbiome in the clinical management of respiratory infections</td>
<td>Speaker to be confirmed</td>
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<td>10:01</td>
<td>Antibiotic stewardship in respiratory infections</td>
<td>Speaker to be confirmed</td>
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08:30 - 10:30

Symposium: Extracellular vesicles in lung disease pathogenesis

**Aims:** The aims of this session are to introduce the audience to the important concept of extracellular vesicles (EVs) and their potential role in lung health and disease; outline the various types of EVs that are produced by epithelial and inflammatory cells; provide specific examples of the various molecules that are transported by EVs and how they are transferred to target cells; and present potential therapeutic roles of EVs for the treatment of lung disease.

**Track(s):** Intensive care, Physiology

**Tag(s):** Translational

**Chairs:** Sinead Weldon (Belfast, United Kingdom), Catherine Greene (Dublin, Ireland)

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<tbody>
<tr>
<td>08:30</td>
<td>Extracellular vesicles: exosomes, microvesicles, and friends</td>
<td>Speaker to be confirmed</td>
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<tr>
<td>09:00</td>
<td>Altered microRNA profiles in the bronchoalveolar lavage fluid exosomes of asthmatic patients</td>
<td>Asa Wheelock (Stockholm, Sweden)</td>
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<tr>
<td>09:30</td>
<td>Transcellular delivery of proteins from inflammatory cells to the epithelium</td>
<td>Marc Peters-Golden (Ann Arbor, United States)</td>
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</table>
### Symposium: Closing the gap: novel translational research strategies

**Aims:** This session will explain why respiratory research in 2016 will need innovation in translational models of disease. Specific examples of how innovations in translational models of disease have helped to close knowledge gaps between basic and clinical respiratory research will be provided. How organoids, 3-dimensional in vitro models, and the lung slice technique can be used in respiratory research to elucidate mechanisms of disease will be described.

**Track(s):** Physiology

**Tag(s):** Translational

**Chairs:** Reinoud Gosens (Groningen, Netherlands), Maria Gabriela Belvisi (London, United Kingdom)

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<tr>
<td>08:30</td>
<td><strong>How organoids helped to discover cystic fibrosis transmembrane conductance regulator (CFTR)</strong> therapeutics and predict response to treatment</td>
<td>Jeffrey M. Beekman (Utrecht, Netherlands)</td>
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<tr>
<td>09:00</td>
<td>3-dimensional airway models reveal airway epithelial responses to mechanical stretch and compression</td>
<td>Christopher Grainge (Newcastle, Australia)</td>
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<td>09:30</td>
<td>Translational models in asthma and COPD</td>
<td>Mark Inman (Hamilton, Canada)</td>
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<tr>
<td>10:00</td>
<td>Modelling tissue repair in COPD</td>
<td>Melanie Koenigshoff (Munich, Germany)</td>
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### Hot topics: Immunity in COPD

**Aims:** COPD has a very heterogeneous disease. The classical paradigm that cigarette smoke-induced inflammation and proteinase-antiproteinase imbalance are the main players in the pathogenesis of COPD has recently been called into question. The degree of susceptibility to COPD among individual and the fact that susceptible ever-smokers continue to have progressive lung parenchymal disease, indicates a much more complex immune response to the insulting agent.

**Track(s):** Epidemiology / Environment

**Tag(s):** Translational

**Chairs:** Farrah Kheradmand (Houston, United States of America), James Hogg (Vancouver, Canada)

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<tr>
<td>08:30</td>
<td>The immune system in COPD: guilty as charged?</td>
<td>Wim Timens (Groningen, Netherlands)</td>
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<tr>
<td>09:00</td>
<td>Cigarette smoke and COPD: the innate immune mechanisms</td>
<td>Ken Bracke (Ghent, Belgium)</td>
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<tr>
<td>09:30</td>
<td>B cells: emerging from the backstage of COPD?</td>
<td>Francesca Polverino (Brookline, United States of America), Speaker to be confirmed</td>
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<tr>
<td>10:00</td>
<td>Infection, immunity and new treatments approaches in COPD</td>
<td>Michael Edwards (London, United Kingdom)</td>
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### Hot topics: Nutrition and respiratory health

**Aims:** The audience will receive new insights in the role of nutrition in respiratory health, from primary prevention to personalised medicine. The efficacy of nutritional intervention in COPD will be updated and novel nutritional targets will be presented based on new insights in metabolism and inter-organ cross-talk.

**Tag(s):** Translational

**Target audience:** Basic scientist, clinical scientist, clinician, fellow, dietician, physiotherapist, epidemiologist, physiologist.

**Chairs:** Sally J. Singh (Leicester, United Kingdom), Chair to be confirmed

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<tr>
<td>08:30</td>
<td>Healthy diet, lung and cardiovascular health: connecting the dots</td>
<td>Speaker to be confirmed</td>
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</table>
09:00  Gut microbiota as nutritional target in lung diseases: hype or hope?
       Speaker to be confirmed

09:30  The pink puffer and blue bloater revisited (Nutritional assessment and therapy in COPD - ERS Statement)
       Speaker to be confirmed

10:00 Nutrition in systemic COPD management: targeting deficiencies or pharmaconutrition?
       Annemie Schols (Maastricht, Netherlands)

08:30 - 10:30

Session: Health effects related to air pollution
ERS/BTS joint session

Aims: The aim of this session is to inform the audience about the history of air pollution research, its impact on respiratory health and related health effects, new challenges and new directions in research and public health approaches.

Track(s): Epidemiology / Environment
Tag(s): Healthy Lungs for Life (HLfL)
Target audience: Educationalist, Epidemiologist, Fellow, General practitioner, Junior member, Paediatrician, Patient, Public health official, Pulmonologist, Researcher, Respiratory physician, Student
Chairs: Torben Sigsgaard (Aarhus, Denmark), David Fishwick (Sheffield, United Kingdom), Chair to be confirmed

08:30  The great London smog of 1952 revisited
       Noel Baxter (London, United Kingdom), Speaker to be confirmed

09:00  Respiratory health impact of current air pollution levels in Europe
       Bert Brunekreef (Utrecht, Netherlands)

09:30  Cardiovascular health effects of air pollution
       Barbara Hoffmann (Dusseldorf, Germany)

10:00  What are the remaining remaining research questions on air pollution related health effects?
       Speaker to be confirmed

08:30 - 10:30

Poster Discussion: Connective tissue disorders

Chairs:

Efficacy of functionalized-imatinib loaded gold nanoparticles on lung fibroblastoid cells from systemic sclerosis patients
Emanuela Cova, Simona Inghilleri, Davide Piloni, Veronica Codullo, Laura Pandolfi, Miriam Colombo, Monica Morosini, Valentina Barzon, Sara Magni, Davide Prosperi, Carlomaurizio Montecucco, Federica Meloni, Speaker to be confirmed

Pattern and impact of rheumatology referral in patients with ILD and autoimmune features
Boyang Zheng, Julie Morisset, Sandra Chartrand, Bruno Pierre Dubé, Speaker to be confirmed

Analysis of inflammatory networks in interstitial lung disease in patients with rheumatoid arthritis
Ourania Kolitsida, Evgenia Synolaki, Athanasios Stavropoulos, Passalidi Sideras, Nikolaos Koulouris, Dimitris Boumpas, Grigorios Stratakos, Speaker to be confirmed

Idiopathic non-specific interstitial pneumonia (NSIP): do the patients develop connective tissue disease (CTD) during follow-up?
Janne Møller, Alan Altraja, Tone Sjåheim, Line Bille Madsen, Finn Rasmussen, Elisabeth Bendstrup, Speaker to be confirmed

Activity of interstitial lung disease in systemic sclerosis: Correlation between HRCT, PET/CT and inflammatory mediators
André Bastos, Gilda Ferreira, Marcelo Mamede, Flavia Teixeira, Eliane Mancuzo, Ricardo Correa, Speaker to be confirmed

Detection of anti DFS70 antibodies in patients with interstitial lung disease (ILD) with and without connective tissue disease (CTD)
Francesco Bonella, Yan Lyu, Dirk Theegarten, Eda Boerner, Thomas E. Wessendorf, Ohshimo Shinichiro, Josune Guzman, Ulrich Costabel, Michael Kreuter, Speaker to be confirmed
Efficacy of switching from cyclosporine A to tacrolimus in patients with refractory CTD-ILD
Yosuke Goto, Hiroyuki Taniguchi, Yasuhiro Kondoh, Tomoki Kimura, Kensuke Kataoka, Toshiaki Matsuda,
Toshiki Yokoyama, Yasuhiko Yamano, Speaker to be confirmed

Pulmonary involvement in children with rheumatic diseases
Nagehan Emiralioglu, Ezgi Deniz Batu, Emine Sonmez, Gökken Dilsa Tugcu, Serap Arici, Ebru Yalçın, Deniz
Dogru, Uğur Ozcelik, Yelda Bilginc, Mithat Hallıoğlu, Seza Ozen, Nural Kiper, Speaker to be confirmed

Survival in CVD-ILD at Ege University Hospital
Nesrin Mogulkoc, İmren Nesil, Ayşin Sinem Koc, Zehra Erdemir, Selen Bayraktaroğlu, Yasemin Kabaşakal,
Canan Gunduz, Pervin Korkmaz Ekren, Feza Bacakoglu, Speaker to be confirmed

Clinical characteristics of 30 patients with interstitial pneumonia associated with anti-aminoacyl-tRNA-
synthetase antibodies
Keita Sakamoto, Shin'yu Izumi, Masao Hashimoto, Konomi Kobayashi, Ayako Shiozawa, Eriko Suzuki, Shota
Yamamoto, Toyoyuki Suzuki, Satoru Ishi, Eriko Morino, Manabu Suzuki, Jin Takasaki, Go Naka, Hiroyuki
Yamashita, Motoyasu Iikura, Yuichiro Takeda, Masayuki Hojo, Haruhide Sugiyama, Speaker to be confirmed

Constrictive (obliterative) bronchiolitis as presenting manifestation of connective tissue disease
Antonella Arcadu, Jay Ryu, Speaker to be confirmed

Clinical features of usual interstitial pneumonia-correlation between idiopathic pulmonary fibrosis and
connective tissue disease associated with usual interstitial pneumonia
Nevena Djukic; Zora Pavlovic-Popovic, Bojan Zaric, Marija Vukoja, Milana Panjkovic, Dragan Dragisic,
Speaker to be confirmed

Cytokine profile in bronchoalveolar lavage fluid of fibrotic idiopathic interstitial pneumonias compared
to fibrotic interstitial pneumonias in connective tissue diseases
Martina Kolbeková, Martina Šterclcová, Magdalena Smetková, Peter Paluch, Jan
Anton, Jelena Skibová, Martina Vašáková, Speaker to be confirmed

Are risk predicting models useful for estimating survival in rheumatoid arthritis-associated interstitial
lung disease?
Hanna Nurmi, Minna Purokivi, Miia Käärien, Hannu-Pekka Kettunen, Tuomas Selander, Riitta
Kaarteenaho, Speaker to be confirmed

Rituximab in severe, progressive interstitial lung disease
Maria Kokosi, Gregory J. Keir, Tamera J. Corte, Lauren Troy, Peter Saunders, Felix Chua, Toby M. Maher,
Elisabetta A. Renzonì, Athol U. Wells, Speaker to be confirmed

Usual interstitial pneumonia preceding rheumatoid arthritis: Clinical, imaging, and histopathologic
features
Yutaka Tsuchiya, David Lynch, Takeshi Johkoh, Thomas Colby, Junya Fukuoka, Ryoko Egashira, Hiromitsu
Sumikawa, Takenori Okada, Jeffrey Swigris, Joshua Solomon, Speaker to be confirmed

Serum surfactant protein D is a potential biomarker of lung damage in systemic sclerosis
Riccardo Messina, Alida Benfante, Daniela Castiglia, Claudia I. Gruttađ
Auria, Nicola Scichilone,
Speaker to be confirmed

A cute hyperoxic challenge improves haemodynamics & Pulmonary vascular stiffness in interstitial lung
disease-associated pulmonary hypertension
Peter George, Tristan Huie, Jeff Swigris, Kern Buckner, Kevin Brown, Brett Fenster, Speaker to be confirmed

08:30 - 10:30
Poster Discussion: Novel mechanisms and treatment modalities in asthma
Chairs:

Simvastatin and bone marrow-derived mesenchymal stem cells therapy affect serum IgE level and
cytokine expression in sensitized mice
Mohammad Hossein Boskabady, Maryam Mohammadian, Hamid Reza Sadeghipour, Speaker to be confirmed

Combining an epithelial repair factor and anti-fibrotic with a corticosteroid offers optimal treatment
for the pathogenesis of allergic airborne diseases
Krupesh Patel, Chrishan Samuel, Simon Royce, Speaker to be confirmed

Neutrophils in bronchial mucosa, sputum and blood after administration of the CXCR2-antagonist
AZD5069 - An exploratory study in neutrophilic asthma
Henrik Watz, Anne Kirsten, Frauke Pedersen, Torsten Goldmann, Florian Stellmacher, Mohib Uddin, Bengt
Larsson, Gerhard Böcher, Anna Malmgren, Marteen Kraan, Klaus Rabe, Speaker to be confirmed
Roflumilast but not dexamethasone or fluticasone reduces neutrophilic airway inflammation and hyperreactivity in a murine influenza-induced asthma exacerbation model
Cornelia Tilp, Hannes Bucher, Eva Wex, Klaus Erb, Speaker to be confirmed

BmTI-A, a serine protease inhibitor, reduces extracellular matrix remodelling in chronic allergic lung inflammation in a mice model
Ariana Corrê, a Florencio, Fernanda M. Arantes-Costa, Robson Santos de Almeida, Sara S.S. Hamaguchi, Sérgio D. Sasaki, Milton A. Martins, Iolanda F.L.C. Tibério, Fernanda D.T.Q. S. Lopes, Edna A. Leick, Speaker to be confirmed

A fixed combination of thyme and primula dry extracts normalizes goblet cell hyperplasia and MUC5AC formation in vivo and in vitro
Jan Seibel, Aldo Ammendola, Martin Lehner, Speaker to be confirmed

Effects of phosphoinositide-3-kinase inhibitors on steroid-insensitive airway inflammation in poly(I:C) and allergen challenged mice
Genki Kimura, Yuki Nishimoto, Keitaro Ueda, Takahiro Nakaoki, Takashi Masuko, Peter J. Barnes, Kazuhiro Ito, Yasuo Kizawa, Speaker to be confirmed

Enrichment of the Janus kinase (JAK) activation signature in severe asthma sputum: Correlation with IL-13 expression
Stelios Pavlidis, Ian Adcock, Fan Chung, Anthony Rowe, Christos Rossios, Ioannis Pandis, Ratko Djukanovich, PeterSterk, Yike Guo, Coen Wiegman, Speaker to be confirmed

Relationship between mitochondrial function and cellular ageing depends upon compartment analysed
Stelios Pavlidis, Fan Chung, Anthony Rowe, Ioannis Pandis, Ratko Djukanovic, Peter Sterk, Yi-ke Guo, Ian Adcock, Speaker to be confirmed

Adrenal insufficiency in asthma patients - Who is at risk?
Sam Roberts, Tim Sutherland, Jane Slough, Rhodri King, Robert Murray, Ian Clifton, Speaker to be confirmed

TNFAIP3 (A20) expression is elevated in the sputum of severe asthmatics
Stelios Pavlidis, Fan Chung, Anthony Rowe, Ioannis Pandis, Ratko Djukanovic, Peter Sterk, Yike Guo, Ian Adcock, Speaker to be confirmed

Omalizumab, airway obstruction and remodeling
Michela Maria Belloccia, Renza Ambrosanio, Filippo Patrucco, Giulia Verri, Lorena Mercante, Monica Boita, Giuseppe Tabbia, Alessio Mattei, Paolo Solidoro, Caterina Buca, Speaker to be confirmed

Modulation of inflammation by benralizumab in eosinophilic airway disease
Paul Newbold, Hao Liu, Tuyet-Hang Pham, Gautam Damera, Sriram Sridhar, Speaker to be confirmed

Budesonide/formoterol maintenance and reliever therapy in adolescent patients with asthma
Hans Bisgaard, Dan Lythgoe, Carin Jorup, Speaker to be confirmed

Tiotropium reduces oral prednisone requirements while improving respiratory function in patients with severe persistent asthma
Bashir Omarjee, Speaker to be confirmed

RPL554, an inhaled PDE3/4 inhibitor, causes comparable bronchodilation to high dose nebulised salbutamol in asthmatics with fewer systemic effects
Leif Bjerner, Johnston Stewart, Katharine Abbott-Banner, Kenneth Newman, Speaker to be confirmed

Bronchial thermoplasty resulted in an increase of CD4+CD25+ regulatory T cells in severe asthma patients
Mateja Marc Malovrh, Aleš Rozman, Sabina Škrmat, Mira Šilar, Julij Šeb, Peter Koros, Speaker to be confirmed

Dysphonia in asthmatic women using inhaled corticosteroids: It is not only a laryngeal inflammation
Frédéric de Blay, Christina Delmas, Elisabeth Peri, Michel Velten, Julie Petit-Thomas, Helene Kuntz, Philippe Schultz, Speaker to be confirmed

08:30 - 10:30
Poster Discussion: Burden of respiratory diseases: from environmental aspects to healthcare consumption
Chairs:

LSC Abstract - Modeling the air-blood barrier in healthy and disease state to evaluate safety and efficacy of inhaled (nano)medicines
Remi Hendrix, Stephanie Kletting, Kristiane Carvalho-Wodarz, Nicole Schneider-Daum, Claus-Michael Lehr, Speaker to be confirmed
Associations between severity and duration of sleep-disordered breathing and brain tissue volume
Erika Hagen, Jodi Barnet, Sterling Johnson, Barbara Bendlin, Mary Morrell, Amanda Rasmuson, Paul Peppard, Speaker to be confirmed

Traffic related air pollution and transplant failure
Livia Pierotti, Dave Collet, Susie Schofield, Daniella Cullinan, Speaker to be confirmed

Trends in mortality from respiratory diseases in Greece during the financial crisis
Filippos T. Filippidis, Vasiliki Gerovasili, Will D.-C. Man, Speaker to be confirmed

Burden and impact of hospital-acquired infections in patients with chronic lung disease
Evangelos Kritsotakis, Flora Kontopidou, Eirini Astrapeni, Maria Roumelaki, Georgios-Michael Gourgoulis, Eleni Ioannidou, Emmanuelou Bollakis, Achilles Gikas, Speaker to be confirmed

Burden of lung disease in the UK; findings from the British Lung Foundation’s ‘respiratory health of the nation’ project
Noel Snell, David Strachan, Richard Hubbard, Jack Gibson, Elizabeth Limb, Ramyani Gupta, Alistair Martin, Michael Laffan, Ian Jarrod, Speaker to be confirmed

Geographical variation in the respiratory health of Great Britain
Rebecca Ghosh, Ioannis Bakolis, David Strachan, Anna Hansell, Speaker to be confirmed

Different impact of respiratory symptoms on health care consumption and daily life in Finland, Estonia and Sweden
Sven-Arne Jansson, Malin Axelsson, Anne Lindberg, Annette Kainu, Eva Rönnmark, Speaker to be confirmed

Patterns of emergency department visits for asthma, COPD and respiratory infections in Ontario, Canada 2003-2013
Neil Johnston, Justina Greene, Kieran Killian, Paul O’Byrne, Speaker to be confirmed

The incidence of ventilator-associated pneumonia in mainland China: A systematic review and meta-analysis
Chengyi Ding, Yuelun Zhang, Zhirong Yang, Jing Wang, Aoming Jin, Weiwei Wang, Ru Chen, Siyan Zhan, Speaker to be confirmed

Longitudinal changes in prevalence of chronic bronchitis in rural people
Punam Pahwa, Masud Rana, Chandima Karunanayaka, Louise Hagel, Valerie Elliot, Josh Lawson, Donna Rennie, Ambikaipakan Senthilselvan, James Dosman, Saskatchewan Rural Health Study Research Team, Speaker to be confirmed

Co-exposure between asbestos and inorganic particles and risk of lung cancer in the ARDCO study
Aude Lacourt, Christophe Paris, Bénédicte Clin-Godard, Antoine Gislard, François Laurent, Christos Chouaid, Soizick Chamings, Amandine Luc, Patrick Brochard, Jean-Claude Pairon, Speaker to be confirmed

Risk of cardiovascular comorbidities in patients with idiopathic pulmonary fibrosis: Analysis of Medicare data
Michael Broder, Eunice Change, Elya Popoyan, Iona Popescu, Sheila Reddy, Karina Raimundo, Will Chou, Speaker to be confirmed

Rheumatoid arthritis and comorbid chronic obstructive or interstitial pulmonary diseases: Prevalence in a population-based cohort
Douglas Mapel, Melissa Roberts, Ann Von Worley, Speaker to be confirmed

Chernobyl disaster and incidence rates of tuberculosis among children and adolescents
Larissa Gorbach, Speaker to be confirmed

Exposure to traffic pollution is related to daytime sleepiness and habitual snoring: Results from the RHINE study
Ane Johannessen, Randi Bertelsen, Francisco Gomez Real, Torben Sigsgaard, Karl A. Franklin, Eva Lindberg, Christer Janson, Erna Sif Arnardottir, Johan Hellgren, Bryndis Benediktsdottir, Bertil Forsberg, Thorarinn Gisslason, Speaker to be confirmed

How do children perceive indoor air quality (IAQ) at school?
Marzia Simoni, Sandra Baidacci, Mario Canciani, Carlo Pini, Luigia Maria Brunetti, Luciana Indinnimeo, Paolo Carrer, Anibale Biggeri, Piersante Sestini, Sara Maio, Sonia Cerrai, Giuseppe Sarno, Fabio Cibella, Giovanni Viegi, Speaker to be confirmed

Treatment trends for asthma-COPD overlap syndrome patients: Findings from a real world survey
Bo Ding, Mark Small, Speaker to be confirmed
08:30 - 10:30

Poster Discussion: Cystic fibrosis: inflammation, microbiology, management and monitoring

Chairs:

**Human neutrophils release bioactive inflammasome complexes; relevance for cystic fibrosis**
Julie Laval, Martina Bakele, Stephan Hallfinger, Gassen Nils, Hector Andreas, Hartl Dominik, Speaker to be confirmed

**CFTR-dependent deficiency in alternatively-activated macrophages in cystic fibrosis**
Abdullah Tarique, Peter Sly, Patrick Holt, Anthony Bosco, Robert Ware, Jayden Logan, Scott Bell, Claire Wainwright, Emmanuelle Fantino, Speaker to be confirmed

**Applicability of dry powder inhalers in children with CF**
Anne Lexmond, Paul Hagedoorn, Erik Frijlink, Bart Rottier, Anne De Boer, Speaker to be confirmed

**Regulation of dectin-1 in cystic fibrosis bronchial epithelial cells during host pathogen interactions**
Anjali Ralhan, Nina Frey, Carolin Schroth, Anurag Singh, Andreas Hector, Dominik Hartl, Speaker to be confirmed

**Respiratory viruses in healthy infants and infants with cystic fibrosis. A prospective cohort study**
Insa Korten, Elisabeth Kieninger, Njima Schläpfer, Maria Teresa Barbani, Urs Frey, Nicolas Regamey, Claudia Kuehni, Markus Hilty, Meri Gorgievski, Carmen Casaulta, Philipp Latzin, Speaker to be confirmed

**Pseudomonas aeruginosa from CF airways uses various strategies to outcompete staphylococcus aureus**
Ross Pallett, Lindsay J. Marshall, Speaker to be confirmed

**Does the cystic fibrosis phlegm feed the pseudomonas?**
Sian Baldock, Hasan Yesilkaya, Peter Andrew, Erol Gaillard, Speaker to be confirmed

**Could nan1-expression and production by pseudomonas aeruginosa be a prognostic factor for survival in CF patients**
Guergana Petrova, Penka Perenovska, Tanya Strateva, Speaker to be confirmed

**Efficacy and safety of inhaled antibiotics for chronic pseudomonas infection in cystic fibrosis: Network meta-analysis**
Stuart Elborn, Anne-Lise Vataire, Ayako Fukushima, Samuel Aballée, Amine Khemiri, Curtis Moore, Goran Medic, Michiel Hemels, Speaker to be confirmed

**Within-subject variability of lung function in newborn screened (NBS) CF infants**
Gwyneth Davies, Lena Thia, Ah-Fong Hoo, Paul Aurora, Angie Wade, Andrew Bush, Janet Stocks, Speaker to be confirmed

**Infant lung function testing: First in vivo report of a novel inert gas washout method to measure LCI**
Anna Shawcross, Clare Murray, Jane Kirkby, Katy Pike, Alex Horsley, Speaker to be confirmed

**Dynamic hyperinflation causes exercise limitation in patients with cystic fibrosis**
Cristina Hernandez Gonzalez, Marta Iscar Urrutia, Marta García, Angelica Orellana Gonzalez, Ana Isabel Enríquez Rodríguez, Gemma Rubinos Cuadrado, María Vázquez López, Ramón Fernández Álvarez, Pere Casan Clara, Speaker to be confirmed

**Do chest computed tomography and radiography influence clinical management in children with cystic fibrosis?**
Carla Federica Bortoluzzi, Eleonora Pontello, Emily Pintani, Karin de Winter-de Groot, Baroukh Assael, Harm Tiddens, Myriam Hunink, Daan Caudri, Speaker to be confirmed

**Use of national disease registries in the conduct of long-term post-authorisation drug safety studies (LTSSs)**
Diana Bilton, Noreen Caine, Rebecca Cosgriff, Stephen Nyangoma, Siobhan Carr, Speaker to be confirmed

**Ataluren in nonsense mutation cystic fibrosis patients not receiving chronic inhaled tobramycin: Evaluation of exacerbations and lung function**
Isabelle Sermet-Gaudelus, Harm Tiddens, Anne Malfroot, Harry Heijerman, Eitan Kerem, Lena Hjelte, Yiping Sun, Joseph McIntosh, Jane Davies, Christiane de Boeck, Speaker to be confirmed

**Ability of the lung clearance index to monitor progression of early lung disease in children with cystic fibrosis**
Rachel Foong, Kathryn Ramsey, Alana Harper, Lidiia Turkovic, Billy Skoric, Tim Rosenow, Louise King, Miriam Davis, Charles Clem, Stephen Stick, Sarah Ranganathan, Graham Hall, Stephanie Davis, Speaker to be confirmed
Comparison of bronchodilator responsiveness in children with primary ciliary dyskinesia and cystic fibrosis
Victoria Keenan, Amanda Harris, Sarah Payne, Caroline Yonge, Bruna Rubbo, Amanda Friend, Kerry Gove, Julian Legg, Hazel Evans, Lucas Jane, Connett Gary, Walker Woolf, Speaker to be confirmed

08:30 - 10:30
Poster Discussion: Lung cancer: therapeutic modalities, re-staging and follow-up
Chairs:

Equal efficacy of gefitinib in chemonaive lung adenocarcinoma patients with either exon 19 deletion or L858R point mutation
Chou-Han Lin, Chao-Chi Ho, Speaker to be confirmed

Lung adenocarcinoma mimicking interstitial lung disease showed good response to nabavbine monotherapy
Yeonghee Park, Myoung-Rin Park, Dong-II Park, Chae-Uk Chung, Jae-Young Moon, Jeong-Eun Lee, Hee-sun Park, Sung-su Jung, Sun-young Kim, Ji-Ock Kim, Speaker to be confirmed

Pemetrexed in maintenance therapy of 164 patients with advanced non-small-cell lung cancer (NSCLC)
Jana Skricková, Zbyněk Bortíček, Karel Hejdík, Milos Pesek, Vitezslav Kolek, Marcela Tomisková, Ivona Grygarkova, Leona Koubkova, Marketa Cernovska, Jaromír Roubec, František Salajka, Milada Zemanova, Helenaoupkova, Monika Satanková, Miloslav Marel, Speaker to be confirmed

Impact of second-line treatment on overall survival of advanced lung adenocarcinoma patients
Chai Chee Shee, Liang Chong Kin, Pang Yong Kek, Kow Keng Siong, Poh Mau Ern, Wong Chee Kuan, Tan Jinn Liang, Speaker to be confirmed

Chemotherapy toxicity in advanced non-small cell lung cancer and its impact on survival
Hela Cherif, Saoussen Bacha, Sonia Habibech, Hager Racil, Sana Cheikhrouhou, Naouel Chaouech, Abdellatif Chaboub, Mohamed Lamine Megdiche, Speaker to be confirmed

Risk factors of febrile neutropenia induced by chemotherapy in lung cancer patients
Shinpei Tsuchida, Hironobu Tsubouchi, Akiko Kitamura, Nobuhiro Matsumoto, Masamitsu Nakazato, Speaker to be confirmed

Does consolidation chemotherapy improves survival for locally advanced non-small-cell lung cancer patients receiving concurrent chemoradiotherapy?
Berna Kömürcüoğlu, Yelda Vatansever, Esra Korkmaz, Aysen Evkan, Enver Yalniz, Speaker to be confirmed

Checkpointinhibition in lung cancer - How to distinguish pseudoprogression from progressive disease
Achim Rittmeyer, Birgit Zweger, Reinhardt Christian, Josef Rutschkoff, Hans-Ulrich Schildhaus, Stefan Andreas, Speaker to be confirmed

Progression vs. pseudo progression in the treatment of squamous NSCLC with nivolumab
Stefan Rudiger, Cornelia Kropf-Sanchen, Gerlinde Schmidtk-Schrezenmeier, Marta Aksentiy, Katja Hoss, Wolfgang Rottbauer, Speaker to be confirmed

What predicts radiation pneumonitis best? Pulmonary injury after curatively intended radiotherapy of early-stage lung cancer
Janna Berg, May-Bente Bengtson, Odd Terje Brustugun, Åslaug Helland, Speaker to be confirmed

Early surgical resection for stage I high-grade neuroendocrine carcinoma of lung
Eisuuke Mochizuki, Kyohoi Ooishi, Koichi Miyashita, Koshiro Ichijyo, Syunya Furukawa, Miyuki Nagaoka, Syun Matsuura, Shinichiro Mikura, Masaru Tsukui, Naoki Koshimizu, Speaker to be confirmed

Management of residual pleural space and persistent airleak after major lung resection
Kalliopi Athanassiadi, Ioannis Alevizakis, Nikolaos Papakonstantinou, Stamatios Kakaris, Speaker to be confirmed

Should preoperative FDG uptake on PET/CT guide postoperative surveillance in surgical non-small cell lung cancer (NSCLC)
Emma Dennyen, Sarah Clarke, Ravi Ragatha, Samir Naik, Peter Russell, Nick Panagiotopoulos, David Lawrence, Ugo Ekeowa, Speaker to be confirmed

Follow-up after surgical treatment of lung cancer: The potential impact of international guidelines on current UK practice
Jennifer Capps, Victoria Grannon, Saumitra Baksi, Saifuddin Khalid, Speaker to be confirmed

Evaluation of response to chemotherapy with fiberoptic bronchoscopy in lung cancers
Kristo Jandric, Sanja Glisic, Olivera Ljuboja, Speaker to be confirmed
### Oral Presentation: Management of dyspnoea and exacerbations in chronic lung diseases

#### Chairs:

**08:30**

**Short physical performance battery as a predictor of adverse outcomes following hospitalisation for an acute exacerbation of COPD**
Samantha Kon, Sarah Jones, Susie Schofield, Winston Banya, Jane Canavan, Claire Nolan, Brigitte Haselden, Michael Polkey, Paul Cullinan, William Man, Speaker to be confirmed

**08:45**

**A phase III, multi-site, randomised, double blind, placebo controlled parallel arm study of daily extended release (ER) morphine for chronic breathlessness**
David Currow, Magnus Ekström, Belinda Fazeiks, John Plummer, Stephen Quinn, Christine McDonald, Meera Agar, Kate Clark, Simon Eckermann, Amy Abernethy, Speaker to be confirmed

**09:00**

**Motor cortex hypoxcitability and hypoactivation in COPD patients with peripheral muscle weakness**
Alain Varray, Francois Alexandre, Emilie Tremey, Nicolas Oliver, Dominique Bourguin, Nelly Heraud, Speaker to be confirmed

**09:15**

**Characterisation of a novel symptom of chronic obstructive pulmonary disease: Bendopnoea**
Melissa McDonnell, Niamh Duignan, Robert Rutherford, Speaker to be confirmed

**09:30**

**Prescription of opioids for breathlessness in end-stage chronic obstructive pulmonary disease: A national population based study**
Zainab Ahmadi, Eva Bernelid, David C. Currow, Magnus P. Ekström, Speaker to be confirmed

**09:45**

**The impact of exacerbations on adherence and outcomes of pulmonary rehabilitation in patients with COPD**
Dionne Braeken, Sarah Wilke, Dionne Smid, Gernot Rohde, Jesse Drijkoningen, Emiel Wouters, Martijn Spruit, Frits Franssen, Speaker to be confirmed

**10:00**

**Development of a Barthel index based on dyspnea for patients with respiratory diseases**
Michele Vitacca, Mara Paneroni, Paola Baiardi, Vito De Carolis, Elisabetta Zampogna, Stefano Belli, Mauro Carone, Antonio Spagnevillo, Bruno Balbi, Giorgio Bertolotti, Speaker to be confirmed

### Oral Presentation: Novel tools and approaches to diagnosis of obstructive sleep apnoea

#### Chairs:

**08:30**

**Validation of the Dutch STOPBANG screening questionnaire for OSAS in healthy workers**
Susan Huttenhuis, Michiel Eijsvogel, Sytske Wiegersma, Job van der Palen, Speaker to be confirmed

**08:45**

**Micro-sleep (MS) as a marker of resistance to excessive daytime sleepiness (EDS) in patients with OSA**
Francesco Fanfulla, Elisa Morrone, Rossella Trentin, Nadia D’Artavilla Lupo, Aleksandar Prpa, Speaker to be confirmed

**09:00**

**Establishing a normal range model using real time events, driving simulator (MiniUoLDS) outcome and performance based on standard deviation of lane position (SDLP) in untreated OSAS patients and controls**
Akshay Dwarakanath, Dipansu Ghosh, Samantha Jamson, Paul Baxter, Mark Elliott, Speaker to be confirmed

**09:15**

**Accuracy of overnight pulse oximetry in diagnosing moderate to severe obstructive sleep apnoea**
Parminder Bhomra, Nadia Sayeed, Ibrahim Shah, Adeel Sahal, Speaker to be confirmed

**09:30**

**Assessment of an automated neural network based on unsupervised oximetry at home in the diagnosis of patients with moderate-to-severe SAHS and COPD**
Andrea Crespo Sedano, Ana Marí a Andr é s Blanco, Daniel Á lvarez González, Gonzalo Cé sar Gutiérrez-Tobal, Carmen Ainhou Arroyo Domingo, Julio De Frutos Arribas, Tomas Ruiz Altbi, Laura Juez García, Roberto Hornero Sánchez, Fé lix Del Campo Matías, Speaker to be confirmed
09:45 Impact of different hypopnea definitions on obstructive sleep apnea severity and cardiovascular mortality risk in women and elderly
Ramón Farré Ventura, Francisco Campos-Rodriguez, Miguel A. Martínez-Garcia, Nuria Reyes-Nuñez, Maria J. Selma-Ferrer, Speaker to be confirmed

10:00 Evaluation of respiratory effort in sleep apnea patients using a new method for suprasternal pressure recording
Thomas Penzel, Katharina Jelavic, Martin Glos, Maria Platzeck, Carmen Garcia, Ingo Fietze, Speaker to be confirmed

08:30 - 10:30
Oral Presentation: Paediatric asthma: from amniotic fluid to dirty streets
Chairs:

08:30 Metabolomics profile of amniotic fluid and early recurrent wheezing
Silvia Carraro, Giuseppe Giordano, Paola Pirillo, Mauro Naturale, Matteo Stocchero, Michiel Houben, Eugenio Baraldi, Louis Bont, Speaker to be confirmed

08:45 Effect of prenatal hypoxia-induced growth restriction on lung structure in adult rats
Kimberley Wang, Jude Morton, Sandra Davidge, Alexander Larcombe, Alan James, Peter Noble, Speaker to be confirmed

09:00 Symptomatic treatment of pollen-related allergic rhinoconjunctivitis in children: Randomized controlled trial
Jorien Wartna, Arthur Bohnen, Gijs Elshout, Marielle Pijnenburg, David Pols, Roy Gerth van Wijk, Patrick Bindels, Speaker to be confirmed

09:15 Higher doses of inhaled steroid are associated with bacterial bronchitis in children with severe therapy resistant asthma (STRA)
James Cook, Andrew Bush, Sejal Saglani, Louise Fleming, Speaker to be confirmed

09:30 Receptor of advanced glycation end products in childhood asthma exacerbation
Adel Bediwy, Samir Maher Hassan, Marwa Rushdy El-Najjar, Speaker to be confirmed

09:45 The effect of high-intensity exercise on aerobic performance and airway inflammation in asthma
Charles Winn, Melitta McNarry, Gareth Stratton, Andrew Wilson, Gwyneth Davies, Speaker to be confirmed

10:00 Association of neighborhood hygiene (dirty streets and alleys) on urban children with asthma
Cassia Lewis-Land, Mary Beth Bollinger, Mona Tsoukleris, Arlene Butz, Speaker to be confirmed

08:30 - 10:30
Oral Presentation: Best abstracts on innovative outcomes and novel interventions in respiratory physiotherapy
Chairs:

08:30 Cost-analysis of a physiotherapy program, focused on early mobility and managed protocols of non-invasive ventilation and weaning from mechanical ventilation, in a clinical emergency department
Luciana Vieira, Chris Burtin, Ludmilla Figueiredo, Rodrigo Garbero, Joana Castro, Alexandre Luque, Speaker to be confirmed

08:45 Cognition in COPD patients
Brenda Deering, Diane Gillan, Marie Guidon, Richard Costello, Speaker to be confirmed

09:00 Contact time between patients with COPD and coach during an activity telecoaching intervention: Impact on the intervention effect
Matthias Loeckx, Zafeiris Louvaris, Rebecca Tanner, Noah Rubio, Anja Frey, Corina de Jong, Elena Gimeno Santos, Heleen Demeyer, Maarten Spruyt, Sara Buttery, Nick Hopkinson, Gilbert Buesching, Alexandra Strassmann, Ignasi Serra, Roberto Rabinovich, Giannis Vogiatzis, Michael Polkey, Judith Garcia-Aymerich, Thierry Troosters, Speaker to be confirmed

09:15 Neuromuscular electrical stimulation in adults with advanced disease: An updated Cochrane systematic review
Matthew Maddocks, Sarah Jones, William Man, Wei Gao, Irene Higginson, Andrew Wilcock, Speaker to be confirmed

09:30 The effect of fatigue on bipedal postural control in patients with severe chronic obstructive pulmonary disease
Katerina Neumanova, Nicolas Vuillerme, Zdenek Svoboda, Vladimir Koblizek, Vratislav Sedlak, Jaromir Zatloukal, Marek Plutinsky, Miroslav Janura, Speaker to be confirmed
09:45  Gait parameters, balance and risk of falls in COPD: Cross sectional study  
Kalyana Chakravarthy Bairapareddy, Priyanka Jirange, K. Vaishali, Speaker to be confirmed

10:00  Effects of hypertonic saline on sputum clearance in patients with bronchiectasis  
Victoria Alcaraz Serrano, Beatriz Herrero Cortina, Jordi Vilàro Casamitjana, Edmundo Rosales Mayor, Antoni Torres Martí, Eva Polverino, Speaker to be confirmed

08:30 - 10:30  
Oral Presentation: New insights from aspects of tuberculosis epidemiology  
Chairs:

08:30  Statin use and the risk of tuberculosis: Data from 305,142 patients  
Vincent Yi-Fong Su, Speaker to be confirmed

08:45  Active tuberculosis increases the risk of incident osteoporosis- A nation-wide population based cohort study  
Jia-Yih Feng, Ying-Ying Chen, Yung-Feng Yen, Sheng-Wei Pan, Wei-Juin Su, Speaker to be confirmed

09:00  Facilities for treating multidrug-resistant tuberculosis (MDRTB) in Europe  
Graham H. Bothamley, Christoph Lange, Speaker to be confirmed

09:15  A prediction rule to stratify mortality risk of patients with pulmonary tuberculosis  
Helder Novais e Bastos, Nuno Osório, António Gil Castro, Angélica Ramos, Teresa Carvalho, Leonor Meira, David Araújo, Leonor Almeida, Rita Boaventura, Patrícia Cio Costa, Ivo Ferreira, Sara Magalhães, Fernando Rodrigues, Rui Sarmento Castro, Raquel Duarte, João Tiago Guimarães, Margarida Saraiva, Speaker to be confirmed

09:30  Breast tuberculosis in East London  
Benjamin Butler, Amina Khanam, Jessica Potter, Charlotte Longman, Thomas Campion, Silvia O’Keeffe, Simon Tiberi, Matthew Burman, Nivenka Jayasekera, Veronica White, Heike Kunst, Speaker to be confirmed

09:45  Genotypes of mycobacterium tuberculosis with pre-extended drug resistance in Belarus  
Veronika Slizen, Larissa Surkova, Speaker to be confirmed

10:00  Dynamics of primary multidrug drug resistance in Novokuznetsk over 10 years period  
Arkadiy Khann, Irina Viktorova, Sergey Dolgikh, Irina Garavskaya, Speaker to be confirmed

10:45 - 12:45  
Symposium: The stage I non-small-cell lung cancer  
What a pulmonologist and thoracic surgeon should know

Aims: This session aims to provide a comprehensive and updated overview of issues related to early stage lung cancer that are still being debated. These issues include the optimal diagnostics, the benefits of molecular diagnostics and biomarkers, the factors that influence the treatment outcome, and the rapidly changing spectrum of surgical options for stage I NSCLC.

Track(s): Oncology
Tag(s): Clinical
Chairs: Dragan R. Subotic (Belgrade, Republic of Serbia), Nicolas Schönfeld (Berlin, Germany)

10:45  Biological markers  
Virginie Westeel (Besançon, France)

11:15  Role of CT and PET in detecting non-aggressive stage IA NSCLC  
Walter De Wever (Leuven, Belgium)

11:45  Wide therapeutic spectrum for limited disease: lobectomy vs. segmentectomy, and video-assisted thoracoscopic surgery (VATS) vs. open surgery  
Martin Huertgen (Koblenz, Germany)

12:15  Survival predictors  
Paul E. Van Schil (Edegem, Belgium)

10:45 - 12:45  
Symposium: Clinical relevance of COPD phenotyping
**Aims:** COPD is an important disease worldwide. However, the current treatments for COPD still lack sufficient efficacy, especially in terms of preventing disease progression and treating advanced stage disease. A better knowledge and understanding of the different COPD phenotypes will lead to a better understanding of the treatment choices; it will also help to promote the development of other treatments in the future. The main aims of the session are to describe the different phenotypes of COPD and the importance of these phenotypes for selecting the best treatments. Moreover, leading experts in the field will provide an update on the current and future treatment options for COPD.

**Track(s):** Physiology

**Tag(s):** Clinical

**Chairs:** Dirk-Jan Slebos (Groningen, Netherlands), Huib A.M. Kerstjens (Groningen, Netherlands), Chair to be confirmed

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<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tr>
<td>10:45</td>
<td>The different faces of COPD</td>
<td>James Hogg (Vancouver, Canada)</td>
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<td>11:15</td>
<td>Cell and molecular phenotypes of COPD</td>
<td>Guy Brusselle (Ghent, Belgium)</td>
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<td>11:45</td>
<td>Treatable trades of COPD</td>
<td>Wisia Wedzicha (London, United Kingdom)</td>
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<td>12:15</td>
<td>Bronchoscopic treatment of COPD</td>
<td>Pallav L. Shah (London, United Kingdom)</td>
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**10:45 - 12:45**

**Symposium: Occupational lung disease worldwide**

**Aims:** It is well known that industrial regulations and permissible exposure limits are rarely followed by the industries in developing countries. The reason for this is that more than 80% of the polluting industries belong to informal sectors. As a result, very little information is available at the government level regarding the numbers and structural and functional patterns of these industries and the kinds of materials that they use. Therefore, occupational respiratory diseases in developing countries largely remain undiagnosed or misdiagnosed. The evidence to date suggests that industry has an alarming effect on both the health of the workers and the economy of developing countries. The aim of this session is to highlight some of the current issues surrounding occupational respiratory problems in developing countries. Future research directions and treatment policies that will improve diagnosis and prevent occupational respiratory disease will be discussed.

**Track(s):** Epidemiology / Environment, Physiology

**Tag(s):** Healthy Lungs for Life (HLfL)

**Chairs:** Paul Blanc (San Francisco, United States of America), Elizabeth Fireman (Tel-Aviv, Israel)

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<th>Time</th>
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<tr>
<td>10:45</td>
<td>Asbestos in developing countries: a never-ending issue</td>
<td>Arthur L. Frank (Philadelphia, United States of America)</td>
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<td>11:15</td>
<td>Exposure-associated respiratory diseases in the neglected sectors</td>
<td>Subhabrata Moitra (Kolkata, India)</td>
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<td>11:45</td>
<td>Occupational exposure and obstructive lung diseases: what we can learn from the large-scale European studies</td>
<td>Paul Cullinan (London, United Kingdom)</td>
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<td>12:15</td>
<td>Mitigation of occupational respiratory diseases: role of regional respiratory societies and policies in clinical practice and education</td>
<td>Surinder K. Jindal (Chandigarh, India)</td>
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**10:45 - 12:45**

**Symposium: Complex breathing disorders during sleep**

**Aims:** This session will focus on an exciting and increasingly important area for pulmonologists and sleep specialists, namely, patients with complex breathing disorders during sleep that are related to obesity hypventilation, opioid-induced sleep apnoea, overlap syndrome, and obstructive sleep apnoea that relates to neuromuscular disorders.

**Track(s):** Physiology, Sleep

**Tag(s):** Clinical

**Chairs:** Konrad E. Bloch (Zurich, Switzerland), Oana Claudia Deleanu (Bucarest, Romania)

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<th>Time</th>
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<tr>
<td>10:45</td>
<td>The spectrum of complex breathing disorders during sleep</td>
<td>Rami Khayat (Colombus, United States of America), Speaker to be confirmed</td>
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<td>11:15</td>
<td>Interaction between obesity, pulmonary disease and sleep-disordered breathing (SDB)</td>
<td>Jean-Louis Pepin (Grenoble, France), Speaker to be confirmed</td>
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<td>Time</td>
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<td>11:45</td>
<td>The role of the &quot;central&quot; component in the pathophysiology of complex breathing disorders during sleep</td>
<td>Johan Verbraecken (Edegem (Antwerp), Belgium)</td>
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<tr>
<td>12:15</td>
<td>Therapeutic approach to complex breathing disorders during sleep</td>
<td>Winfried J. Randerath (Solingen, Germany)</td>
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<td>10:45 - 12:45</td>
<td>Session: London Respiratory Network</td>
<td>Overcoming the trend to increasing specialisation to benefit patients with complex respiratory needs</td>
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<td>Aims:</td>
<td>As primary and community care extends its competence and scope, so the majority of patients in our hospitals today have complex problems that challenge our current ways of working. This symposium draws on the knowledge and experience of the London Respiratory Network, which represents respiratory interested professionals in this city of 8 million people, where £685 million a year is spent on respiratory care, but where there is still scope to improve respiratory outcomes. It focuses on children and adults with complex needs and provides some scalable exemplars of good practice.</td>
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<td>Target audience:</td>
<td>All clinicians from primary and secondary care who support patients with complex chronic problems such as disabling breathlessness, multi-morbidity, mental health problems, tobacco dependence - children and/or adults, clinicians and policy-makers with an interest in population-based medicine and value, in treating tobacco dependence, in practical examples of integrated care.</td>
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<td>Chairs:</td>
<td>Stefano Nardini (Vittorio Veneto, Italy), Noel Baxter (London, United Kingdom), Chair to be confirmed</td>
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<td>10:45</td>
<td>Unravelling the problems of obese children with breathing disorders</td>
<td>Andrew Bush (London, United Kingdom), Speaker to be confirmed</td>
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<td>11:15</td>
<td>Improving the outcomes for people with severe mental illness by addressing their tobacco dependence</td>
<td>Speaker to be confirmed</td>
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<td>11:45</td>
<td>The contemporary case conference: the value of inter-disciplinary working for people with COPD and multiple morbidities</td>
<td>Louise Jane Restrick (London, United Kingdom)</td>
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<td>12:15</td>
<td>It is the most frightening thing that I have ever experienced</td>
<td>Speaker to be confirmed</td>
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<td>10:45 - 12:45</td>
<td>Poster Discussion: Notable abstracts on clinical problems related to asthma</td>
<td>Chairs: Stefano Nardini (Vittorio Veneto, Italy), Jean-Marc Dot (London, United Kingdom), Gilles Devouassoux, Speaker to be confirmed</td>
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<td>Study the role of eNO-synthase gene polymorphism in patients with asthma and obesity</td>
<td>Tamara Pasiieshvili, Nataliya Zheleznyakova, Speaker to be confirmed</td>
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<tr>
<td>Inhalation technique education in asthma or COPD: The value of a visual instruction card</td>
<td>Anneke Kemerink, Luc H. Steenhuis, Titia J. Klemmeier, J. Sebastiaan Vroegop, Siebrig Schokker, Speaker to be confirmed</td>
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<tr>
<td>Application of impulse oscillometry and bronchial dilation test for analysis in patients with asthma and chronic obstructive pulmonary disease</td>
<td>Ping Wang, Speaker to be confirmed</td>
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<td>Mapping out asthma in the out-patient clinic - The MAPOUT II study</td>
<td>Asger Sverriild, Vibeke Backer, Celeste Porsbjerg, Speaker to be confirmed</td>
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<td>Phenotypic characteristics of asthma with small airways involvement</td>
<td>Benjamine Delcasso, Jean-Marc Dot, Jean-Michel Peloni, Gilles Devouassoux, Speaker to be confirmed</td>
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<td>A Study of misdiagnosing eosinophilia as bronchial asthma at a tertiary health care centre</td>
<td>Darshan Kumar Bajaj, Abhishek Dubey, Surya Kant, Mona Asnani, Speaker to be confirmed</td>
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<td>Improved characterization of obstructive airways diseases by parameterization of specific resistance loops</td>
<td>Marko Topalovic, Vasileios Exadaktylos, Geert Celis, Jean-Marie Aerts, Thierry Troosters, Wim Janssens, Speaker to be confirmed</td>
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</tbody>
</table>
**Evaluation of efficacy of the modified method for a sputum induction**
Natalya Alexandrovna Latypova, Sofia Hismatulina, Saltanat Karzhauova, Speaker to be confirmed

**Human neutrophil gelatinase-associated lipocalin: A new biomarker in asthma-COPD overlap syndrome**
Serap Duru Akçali, Bahar Kurt, Fatma Uçar, Esra Erdemir, Emine Alay, Speaker to be confirmed

**A predictive model of failed stepping-down of inhaled corticosteroids in adult asthmatics**
Katsuyuki Tomita, Hirokazu Touge, Shizuka Nishii, Hiromitsu Sakai, Akira Yamasaki, Eiji Shimizu, Speaker to be confirmed

**Optimal cut-off value and clinical usefulness of adherence starts with knowledge-12 (ASK-12) in asthmatic patients taking inhaled corticosteroid**
Masaya Takemura, Masayuki Nishio, Kensuke Fukumitsu, Norihisa Takeda, Hiroya Ichikawa, Takamitsu Asano, Hisatoshi Hijkata, Yoshihiro Kanemitsu, Takehiro Uemura, Osamu Takakuwa, Hirotsugu Ohkubo, Ken Maeno, Yutaka Ito, Atsushi Nakamura, Kosho Yoshikawa, Akio Niimi, Speaker to be confirmed

**Cognitive impairment in patients with eosinophilic granulomatosis with polyangitis (EGPA): Service evaluation in a regional severe asthma centre in North-west England**
Sarah Diver, Binita Kane, Dorothy Ryan, Leanne Jo Holmes, Steve Fowler, Robert Niven, Speaker to be confirmed

**Adherence to asthma medication and preferences for once-daily treatment: Importance of treatment intrusiveness and patient beliefs**
Sarah Chapman, Peter Dale, Henrik Svedsater, Gillian Stynes, Nicola Vyas, David Price, Rob Horne, Speaker to be confirmed

**Risk factors of postoperative pulmonary complications in bronchial asthma and COPD patients**
Takanori Numata, Katsutoshi Nakayama, Nayuta Saito, Kazuya Tsubouchi, Nahoko Sato, Masahiro Yoshida, Yusuke Kurita, Kenji Kobayashi, Hirofumi Utsumi, Haruhiko Yanagisawa, Mitsuo Hashimoto, Hiroshi Wakui, Shunsuke Minagawa, Jun Kojima, Hiromichi Haru, Jun Araya, Yumi Kaneko, Kazuyoshi Kuwano, Speaker to be confirmed

**Asthma and diabetes type 2 and their co-existence: Possible changes in lung function and their importance**
Lada Sorokina, Vasiliy Ivanov, Anna Eremeeva, Ecaterina Rubeco, Mikhail Nyoma, Valeriy Mineev, Vasilii Trefimov, Speaker to be confirmed

**Patients hospitalised with an infective exacerbation of bronchiectasis unrelated to cystic fibrosis: Clinical, physiological and sputum characteristics**
Victoria Venning, Lata Jayaram, James Bartlett, Speaker to be confirmed

**High burden of A. fumigatus among chronic respiratory diseases**
Yosuke Fukuda, Shintaro Suzuki, Tetsuya Homma, Hironori Sagara, Speaker to be confirmed

### 10:45 - 12:45

**Poster Discussion: Pleural diseases**

**Position and size of tube chest drainage, what impact in pneumothorax outcome?**
Lamia Missaoui, Haifa Zaibi, Aymen Ayari, Jihen Ben Amar, M. Ali Baccar, Salwa Azzebi, Besma Dhahri, Hichem Aouini, Speaker to be confirmed

**Contribution of PIPE Score on prognostic evaluation of idiopathic pleural effusions (IPE)**
Maria Alejandra Galarza Jimenez, Esteban Pérez-Rodríguez, Paola Lucía Arrieta-Narváez, Rosa Mariela Mirambeaux-Villalona, Patricia Castro-Acosta, Beatriz Martín-García, Ana Soledad Jaureguizar-Oriol, Speaker to be confirmed

**Thoracoscopic tetracycline poudrage for pleurodesis in malignant pleural effusion**
Amr Shoukri, Speaker to be confirmed

**An review of infection rates of invasive pleural procedures**
Anna Duffy, Avinash Aujayeb, David Cooper, Sean Parker, Jonathan Miller, Steve Bourke, Mark Weatherhead, Speaker to be confirmed

**Diagnostic yield of the new pleural biopsy needle ((E smat's needle)) in exudative pleural effusion**
Ahmed Mansour, Noran Elbazzar, Speaker to be confirmed

**Comparison between bronchoscopy, closed (Abram’s) and medical thoracoscopic pleural biopsies in undiagnosed pleural effusions**
Davis Kizhakkepeedika Rennis, Jaboy Bibin, Speaker to be confirmed
Local anaesthetic thoracoscopy: Evaluation of a thoracoscopy service in east dorset
Michael Brown, Vijay Joshi, Ravi Punwani, Simon Crowther, Speaker to be confirmed

What factors influence the duration of pneumothorax drainage?
Lamia Missaoui, Haifa Hassine, Aymen Ayari, Besma Dhahri, M. Ali Baccar, Salwa Azzebi, Jihen Ben Amar, Hichem Aouina, Speaker to be confirmed

Early consideration of definitive pleural palliation can reduce the number and duration of serial thoracentesis
Candice Wilshire, Carson Fuller, Rob Ely, Christopher Gilbert, Brian Louie, Ralph Aye, Alexander Farivar, Eric Vallieres, Jed Gorden, Speaker to be confirmed

Management experience of chronic empyema with pleuroscopy at Jinnah Post Graduate Medical Centre Karachi Pakistan
Kamran Khan, Nadeem Rizvi, Speaker to be confirmed

Descriptive analysis of thorascopic interventions in resource poor setting, Kandy, Sri Lanka
Dushantha Madegedara, Hasanthi Herath, Speaker to be confirmed

Level 2 single port local anaesthetic thoracoscopy for empyema – Complications and outcomes
Parthipan Sivakumar, Farinaz Noorzad, Liju Ahmed, Speaker to be confirmed

Blunt dissection chest drains and indwelling pleural catheters - The trainee’s perspective
Kate Millington, Rachel Jones, Ari Manuel, Speaker to be confirmed

10:45 - 12:45
Poster Discussion: The nature of pulmonary hypertension
Chairs:

Vascular remodelling is reversed following BMPR2 modified endothelial progenitor cell therapy in a MCT-induced PAH rat model
Rebecca Harper, Rebekah Ward, Claudine Bonder, Paul Reynolds, Speaker to be confirmed

IL18 induces p38 MAP kinase activation and adhesion capacities in BMPRII knocked down human lung microvascular endothelial cells
Leanda Vengethasamy, Rik Gijsbers, Annelies Michiels, Birger Tielemans, Allard Wagenaar, Ricard Farre Marti, Catharina Belge, Marion Delcroix, Rozenn Quarck, Speaker to be confirmed

Immunity in idiopathic pulmonary arterial hypertension (IPAH), a role for activated DCs?
Thomas Koudstaal, Jennifer van Hulst, Tridib Das, Peter Heukels, Daphne Merkus, Merikus de Raaf, Ingrid Bergen, Harmjan Bogaard, Cantano Reis e Sousa, Geert van Loo, Rudi Hendriks, Karin Boomars, Mirjam Kool, Speaker to be confirmed

Anti-fibrotic effects of pirfenidone on pulmonary arterial vascular smooth muscle cells
Changwu Lu, Tatyana Novoyatleva, Baktybek Kojonazarov, Hossein Ardeshir Ghofrani, Friedrich Grimminger, Norbert Weissmann, Werner Seeger, Ralph Schermuly, Speaker to be confirmed

Role and regulation of J umonji C domain-containing histone demethylases 1A and 2B in pulmonary hypertension
Christian Muecke, Swati Dabral, Werner Seeger, Soni Savai Pullamsetti, Speaker to be confirmed

A new molecular genetic diagnostic approach for pulmonary arterial hypertension
Christina Eichstaedt, Jie Song, Rebecca Rodri guez Viales, Nicola Benjamin, Satenik Harutyunova, Christine Fischer, Ekkehard Grüt nig, Katrin Hinderhofer, Speaker to be confirmed

NMDA receptor crosstalk with PDGFR- and BMPR2 is involved in smooth muscle cell proliferation in pulmonary arterial hypertension
Marceau Quatredeniers, Audrey Courbourlin, Sé bastien J. Dumas, Nicolas Doisne, Marc Humbert, Sylvia Cohen-Kaminsky, Speaker to be confirmed

The effect of ASK1 inhibition on hypoxia-induced pulmonary artery fibroblast activation and associated paracrine effects on vascular smooth muscle cells
Kathryn Wilson, Korneilija Suveidzyde, John Liles, Grant Budas, Andrew Peacock, David Welsh, Speaker to be confirmed

Clinical phenotypes and outcomes of pulmonary veno-occlusive disease in carriers of bi-allelic EIF2AK4 mutations
David Montani, Barbara Girerd, David Amar, Xavier Jais, Laurent Savale, Peter Dorfmuller, Andrei Seferian, Edmund Lau, Mélanie Eyries, Jérôme Lepavec, Florence Parent, Florent Soubrier, Elie Fadel, Olivier Sitbon, Gérard Simonneau, Marc Humbert, Speaker to be confirmed
Erythropoietin recapitulates hemodynamic features of hypoxia-induced pulmonary hypertension in mice
Julien Becker, Emilie Peter-Thiebaut, Ghina Bou About, Lahcen El Fertak, Megane Denu, Hugues Jacobs, Patrick Reilly, Yann Herault, Laurent Monassier, Speaker to be confirmed

Neutrophils' atomic force microscopy in COPD with pulmonary hypertension (PH)
Avdeev Sergey, Gaynitdinova Viliya, Sharaftadinova Lucie, Kamaletdinov Ilmur, Speaker to be confirmed

Roundabout (Robo) receptors on pulmonary artery endothelial cells: Implications for pulmonary arterial hypertension
Zacharoula Nikolakopoulou, Tatiana Svernova, Jasarat Chowdhury, John Wort, Anne Burke-Gaffney, Speaker to be confirmed

Hemodynamic and anti-remodelling effect of the Rho kinase inhibitor Y-27632 in the monocrotaline pulmonary arterial hypertension rat model
Silvia Cantoni, Fiorella Pastore, Stefano Cavalli, Gessica Marchini, Gino Villette, Romina Nassini, Francesco De Logu, Fabrizio Facchinetti, Speaker to be confirmed

Antenatal sildenafil-simvastatin combination attenuates pulmonary hypoplasia and hypertension in nitrofen-induced congenital diaphragmatic hernia
Céline Dewachter, Martine Makanga, Hidekazu Maruyama, Emeline Hupkens, Jean-Luc Vachiery, Robert Naeije, Laurence Dewachter, Speaker to be confirmed

Uric acid causes excessive pulmonary arterial smooth muscle cell proliferation via URATv1 upregulation in pulmonary arterial hypertension
Yuichi Tamura, Ly Tu, Tsubehisa Yamamoto, Carole Phan, Raphael Thuillet, Alice Huertas, Morane Le Hiress, Elie Fadele, Marc Humbert, Christophe Guignabert, Speaker to be confirmed

Analysis of the subcellular localization in BMPR2 gene in pulmonary arterial hypertension
Guillermo Pousada, Vincenzo Lupo, Adolfo Baloria, Carmen Espinós, Diana Valverde, Speaker to be confirmed

Targeting aquaporin 1 reverses hypoxia-induced pulmonary hypertension in mice
Claudio Schuoler, Thomas Haider, Caroline Leuenberger, Johannes Vogel, Louise Ostergaard, Malcolm Kohler, Max Gassmann, Lars Huber, Matthias Brock, Speaker to be confirmed

LSC Abstract – Histone deacetylase 7 mediated metabolic remodeling: A new crosslink between pulmonary hypertension and cancer
Elisabetta Gamen, Prakash Chelladurai, Friedrich Grimminger, Rajkumar Savai, Werner Seeger, Soni Savai Pullamsetti, Speaker to be confirmed

10:45 - 12:45
Poster Discussion: Airway pharmacology: drug targets and mode of action
Chairs:

Prostacyclin IP receptor activation blocks hyperosmolar-induced bronchoconstriction in isolated human small airways
Jesper Säfholm, Johan Bood, Sven-Erik Dahlén, Mikael Adner, Speaker to be confirmed

Monitoring local pulmonary cAMP levels: Combining precision cut lung slice (PCLS) and fluorescence resonance energy transfer (FRET) technologies in mice
Martina Schmidt, Haoxio Zuo, Wilfred Jelco Poppinga, Viacheslav Nikolaev, Speaker to be confirmed

Olodaterol attenuates bleomycin induced lung fibrosis in mice
Franziska Herrmann, Stefan-Lutz Wollin, Florian Gantner, Eva Wex, Speaker to be confirmed

Pharmacological characterization of the mechanism of action leading to synergism between glycopyrronium bromide and indacaterol fumarate
Luigino Calzetta, Paola Rogliani, Ermanno Puxeddu, Josuel Ora, Francesco Facciolo, Maria Gabriella Matera, Mario Caizolla, Speaker to be confirmed

Slow dissociation kinetics of LAMAs contribute to the functional interactions with LABAs
Reinoud Gosens, Carolina R.S. Elzinga, I. Sophie T. Bos, Herman Meurs, Loes E.M. Kistemaker, Speaker to be confirmed

Increased expression of ADRB2, CHRM3 and glucocorticoid alpha receptor genes in blood leukocytes of COPD patients
Alexey Chukhlovin, Olga Titova, Nikita Yolshin, Natalya Kuzubova, Speaker to be confirmed
Neurokinin-1 receptor antagonism for the treatment of cough in lung cancer
Amelie Harle, Fiona Blackhall, Alex Molassiotis, Kim Holt, Rachel Dockry, Philip Russell, Katy Burns, Ryan Robinson, Mark Birrell, Maria Belvisi, Jaclyn Smith, Speaker to be confirmed

Budesonide and fluticasone propionate exert differential effects on human bronchial epithelial cells exposed to streptococcus pneumoniae and viral mimetic
H. Irene Heijink, Marnix Jonker, Dirkje S. Postma, Maarten van den Berge, Speaker to be confirmed

Pharmacological characterization of the anti-oxidant activity of N-acetylcysteine in an ex vivo model of COPD exacerbation
Paola Rogliani, Josuel Ora, Luigino Calzetta, Gabriella Lucà, Maria Gabriella Matera, Mario Cazzola, Speaker to be confirmed

Anti-inflammatory activity of the bradykinin B<sub>1</sub>-R antagonist in a model of LPS-induced lung inflammation in cynomolgus monkey
Thierry Bouyssou, Birgit Jung, Peter Nickolaus, Jeff Duan, Feihong Dai, Henri Doods, Speaker to be confirmed

Effect of high, medium, and low molecular weight hyaluronan on inflammation and oxidative stress in an in vitro model of human nasal epithelial cells
Giussi D. Albano, Anna Bonanno, Luca Cavaliere, Eleonora Ingrassia, Caterina Di Sano, Liboria Siena, Loredana Riccobono, Rosalia Gagliardo, Mirella Profita, Speaker to be confirmed

The combination of TNF- neutralization and dexamethasone treatment restored the corticosteroid responsiveness in tobacco smoking mice
Yuki Nishimoto, Genki Kimura, Keitaro Ueda, Takahiro Nakaoki, Kazuhiro Ito, Yasuo Kizawa, Speaker to be confirmed

Alpha-7 nicotinic receptor stimulation reduces airway inflammation in a murine model of asthma
Fernanda Paula Roncon Santana, Cláudia Jeane Claudino de Pontes Miranda, Nathália Montouro Prado, Adénir Perini, Luciana Chagas Caperuto, Iolanda de Fátima Lopes Calvo Tibé, Marco Antônio Maximo Prado, Milton de Arruda Martins, Vânia Ferreira Prado, Carla Mário Prado, Speaker to be confirmed

WNT-4 regulates pro-inflammatory responses driven by epithelial-mesenchymal cross-talk
Anita I.R. Spanjer, Eline M. van Dijk, Jacobien A. Noordhoek, Corry-Anke Brandsma, Wim Timens, Dirkje S. Postma, Herman Meurs, Reinoud Gosens, Irene H. Heijink, Speaker to be confirmed

Maintenance of IRF1 by MAPK inhibition: A mechanism by which DUSP1 reduces glucocorticoid inhibition of CXCL10
Suharsh Shah, Mahmoud Mostafa, Mohammed Altonsy, Robert Newton, Speaker to be confirmed

Central role for the TRPV4-ATP-P2X3 axis in sensory nerve activation and the late asthmatic response
Mark Birrell, Sara J. Bonvini, Katie E. Baker, Bilel Dekkak, Anthony Ford, Montse Miralpeix, Gema Tarrason, Jaclyn A. Smith, Maria G. Belvisi, Speaker to be confirmed

TRPM3: A regulator of airway sensory nerves and respiratory reflexes
Sara Bonvini, Maham Arshad, Michael A. Wortley, John J. Adcock, Eric Dubuis, Kassandra Kosmidou, Sarah A. Maher, Fisnik Shala, Joris Vriens, Thomas Voets, Mark A. Birrell, Maria G. Belvisi, Speaker to be confirmed

Direct activation of sensory afferents by diesel exhaust particles can trigger respiratory symptoms
Ryan Robinson, Mark Birrell, Michael Wortley, Eric Dubuis, Shu Chen, Catriona McGilvery, Sheng Hu, Sara Bonvini, Sarah Maher, John Adcock, Ian Mudway, Alexandra Porter, Terry Tetley, Maria Belvisi, Speaker to be confirmed

10:45 - 12:45
Poster Discussion: Mesothelioma and malignant pleural disease

The role of amiloride sensitive epithelial sodium channel (ENaC) in cell migration of mesothelioma cells is dependent on the cell type and the extracellular matrix
Rajesh Jagirdar, Paschalis Adam Molyvdas, Konstantinos Gourgoulianis, Chrissi Hatzoglou, Sotirios Zarogiannis, Speaker to be confirmed

Effect of asbestos on gene expression of tight junctions components in malignant pleural mesothelioma
Erasma Rouka, Georgios Vavougios, Evgeniy Solenov, Konstantinos Gourgoulianis, Chrissi Hatzoglou, Sotirios Zarogiannis, Speaker to be confirmed
Salvage treatment in patients with recurrent or resistant malignant pleura mesothelioma. A retrospective study from tertiary oncology department
Andriani Charpidou, George Tsironis, Sofia Tsagouli, Aris Nikolau, Antonis Bassias, Ilias Kainis, Marios Zontanos, Sotiris Tsimpoukis, Kosts Syrigos, Speaker to be confirmed

Comparison between mesothelin and fibulin-3 detection in pleural malignant mesothelioma (MPM) patients
Valentina Pinelli, Donatella Fini, Enrico Battolla, Paola Ferro, Maria Cristina Franceschini, Vincenzo Fontana, Maria Pia Pistillo, Silvio Roncella, Pier Aldo Canessa, Speaker to be confirmed

A comparative study of conventional cytology and cell block method in the diagnosis of pleural effusion
Theerada Assawasaksakul, Viboon Boonsarngsuk, Pimpin Incharoen, Speaker to be confirmed

Diagnostic value of pleural fluid angiopoietin-2 (Ang-2) levels, to differentiate malignant pleural effusions from benign pleural effusions
Alaattin Koseler, Omer Ayten, Dilaver Tas, Gulhan Ayhan, Oguzhan Okutan, Faruk Ciftci, Speaker to be confirmed

IL-33 levels in pleural fluids from various etiologies differentially alter mesothelial cell adhesion and migration
Ourania Kotsiou, Rajesh Jagirdar, Chrissi Hatzogou, Konstantinos Gourgoulianis, Sotirios Zarogiannis, Speaker to be confirmed

Intrapleural photodynamic therapy for malignant pleural mesothelioma: A new dosimetry approach
Camille Munck, Arnaud Scherpereel, Xavier Dhalliun, Henri Porte, Serge Mordon, Nacim Betrouni, Speaker to be confirmed

LSC Abstract - Differentiation between inflammation and hyperinflammation in the murine lung
Kathleen Reiss, Marco Schlepü tz, Christian Martin, Stefan Uhlig, Speaker to be confirmed

VOC analysis in headspace air of mesothelioma and lung cancer cell lines: A comparative literature study
Sabrina Lagniau, Kevin Lamote, Karim Vermaelen, Jan P. Van Meerbeek, Speaker to be confirmed

Outcome of pleurodesis using different agents in management of malignant pleural effusion
Reham Elkolaly, Mohamed Abo-Elnasr, Diña El-Guindy, Speaker to be confirmed

Incidence of malignancy in patients with pleural effusion referred for workup by pulmonologists: Diagnostic yield of thoracentesis, and use of other investigational procedures
Dennis V. Lindegaard, Simon Reuter, Christian B. Laursen, Uffe Bøtger, Speaker to be confirmed

An elevated neutrophil lymphocyte ratio is a poor prognostic marker in all categories of pleural effusions
Jane Basham, Kevin Sampang, Maninder Singh, Pathmanathan Sivakumaran, Bajee Sriram, Speaker to be confirmed

Malignant pleural effusion and incidence of pleural thickening in thorax CT
Ana Jauregizar Oriol, Esteban Perez Rodriguez, Paola Arrieta Narváez, Rosa Mirambeaux Villalona, Patricia Castro Acosta, Beatriz Martin Garcia, Esther Barbero Herranz, Speaker to be confirmed

Sclerosing hemangioma presented by huge mediastinal lymph nodes metastasis, mimicking lung malignancy
Jung Hyun Chang, Yeji Han, Speaker to be confirmed

An examination of the factors for successful pleurodesis against malignant pleural effusion (MPE)
Eriko Suzuki, Takeda Yuichiro, Sugiyama Haruhiito, Hojo Masayuki, Izumi Shinyu, Ikura Motokazu, Naka Go, Suzuki Manabu, Kobayashi Konomi, Shiozawa Ayako, Yamamoto Shota, Suzuki Tomoyuki, Sakamoto Keita, Speaker to be confirmed

Malignant pleural effusion with talc pleurodesis: Is small bore catheter hospital stay shorter than large bore catheter?
Ülkü Aka Aktü rk, Nagihan Durmus Kocak, Cansel Atinkaya Öztü rk, Dilek Ernam, Aysun Sengü l, Merve Alan Tepetam, Elç in Ersö z, Speaker to be confirmed

Comparison analysis of malignant and tuberculous pleural fluid using proteomic method
Chang Youl Lee, Ji Young Hong, Myung-Goo Lee, Seung Hun Jang, In-Bum Suh, Speaker to be confirmed

10:45 - 12:45
Oral Presentation: IPF treatment II
Chairs:
## Oral Presentation: Emerging concepts in lung disease pathogenesis

### Chairs:

#### 10:45 - 12:45

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tr>
<td>10:45</td>
<td>The novel myokine irisin interacts with hyaluronic acid in a cell-specific way and in association with COPD progression and severity</td>
<td>Eleni Papakonstantinou, Michael Roth, Jyotshna Mandal, Michael Tamm, Daiana Stolz, Speaker to be confirmed</td>
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<tr>
<td>11:00</td>
<td>Rhinovirus-induced IL-33 expression in asthmatic airway smooth muscle cells is TLR R3-dependent and involves activation of TAK1</td>
<td>Jenny Calvin, Hamid Akbarshahi, Sangeetha Ramu, Charalambos Michaeloudes, Kian Fan Chung, Lena Uller, Speaker to be confirmed</td>
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<td>11:15</td>
<td>The key role of microRNA-34a in the reduction of sirtuin-1 in COPD</td>
<td>Jonathan Baker, Tom Colley, Kaz Ito, Peter Barnes, Speaker to be confirmed</td>
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<tr>
<td>11:30</td>
<td>Involvement of ferroptosis in COPD pathogenesis</td>
<td>Masahiro Yoshida, Shunsuke Minagawa, Jun Araya, Hiromichi Hara, Nayuta Saito, Nakako Sato, Kazuya Tsubouchi, Yusuke Kurita, Kenji Kobayashi, Saburo Ito, Takanori Numata, Yumi Kaneko, Katsutoshi Nakayama, Kazuyoshi Kawanou, Speaker to be confirmed</td>
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<td>11:45</td>
<td>SH2 domain-containing phosphatase-SHP-2 is a novel anti-fibrotic regulator in pulmonary fibrosis</td>
<td>Argyris Tzouvelekis, Guoying Yu, Jose Herazo-Maya, Tony Woolard, Yi Zhang, Hojin Lee, Patty Lee, Erica Herzog, Anton Bennett, Naftali Kaminski, Speaker to be confirmed</td>
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<td>12:00</td>
<td>Axl receptor tyrosine kinase drives cell cycle re-entry and promotes symmetric cell division of airway basal cells in response to injury</td>
<td>Naoya Fujino, Toshifumi Fujimori, Rose Maciewicz, Tracy Hussell, Speaker to be confirmed</td>
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<tr>
<td>12:15</td>
<td>Hidden dangers of E-cigarettes: Airway macrophage dysfunction and altered inflammatory response</td>
<td>Miranda Ween, Paul Reynolds, Sandra Hodge, Speaker to be confirmed</td>
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## Oral Presentation: Monitoring airway diseases with different tools

### Chairs:

#### 10:45 - 12:45

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<th>Time</th>
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<tr>
<td>10:45</td>
<td>No effect of baseline diffusing capacity of lung for carbon monoxide on benefit of nintedanib</td>
<td>Toby Maher, Kevin R. Flaherty, Yoshikazu Inoue, Luca Richeldi, Mosé Selman, Wibke Stansen, Susanne Stowasser, Athol Wells, Speaker to be confirmed</td>
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<td>11:00</td>
<td>Long-term treatment with nintedanib in patients with IPF: An update from INPULSIS®-ON</td>
<td>Bruno Crestani, Manuel Quaresma, Mitchell Kaye, Wibke Stansen, Susanne Stowasser, Michael Kreuter, Speaker to be confirmed</td>
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<td>11:30</td>
<td>Effect of baseline statin use on benefit of nintedanib</td>
<td>Michael Kreuter, Ulrich Costabel, Luca Richeldi, Vincent Cottin, Daniel Wachtlin, Susanne Stowasser, Martin Kolb, Speaker to be confirmed</td>
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<td>11:45</td>
<td>Relationship between nintedanib exposure and adverse events in patients with idiopathic pulmonary fibrosis</td>
<td>Ulrike Schmid, Benjamin Weber, Claudia Dallinger, Luca Richeldi, Christoph Hallmann, Ganesh Raghu, Matthias Freiwald, Speaker to be confirmed</td>
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<td>12:00</td>
<td>Predicting life expectancy for pirfenidone and best supportive care (BSC) in idiopathic pulmonary fibrosis (IPF)</td>
<td>Mark Fisher, Toby M. Maher, Steven D. Nathan, Christian Hill, Jade Marshall, Fred Dejonckheere, Per-Olof Thunesson, Nitya Mathew, Speaker to be confirmed</td>
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<tr>
<td>12:15</td>
<td>Predictors of response to pirfenidone treatment in patients with idiopathic pulmonary fibrosis (IPF)</td>
<td>Elisabetta Balestro, Graziella Turato, Davide Biondini, Sofia Pavanenti, Alessia Fracararo, Chiara Rigobello, Erica Bazzan, Manuela Campisi, Simonetta Baraldo, Manuel Cosio, Marina Saetta, Paolo Spagnolo, Speaker to be confirmed</td>
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The relationship between presence of small airways disease and baseline characteristics of asthma and COPD patients
Marija Kojicic Vukoja, Dragana Milicic, Miroslav Ilic, Ivan Kopitovic, Speaker to be confirmed

Validation of impulse oscillometry R5-R20 as a small airways dysfunction detection tool in adult asthma
Marcia Soares, Rafael Bordas, James Thorpe, Breanda Timmerman, Christopher Brightling, David Kay, Kelly Burrowes, Owens-Bradley John, Salman Siddiqui, Speaker to be confirmed

Influence of written action plans and patient education on future hospital admissions - Results from the disease management program (DMP) asthma in the North Rhine region in Germany
Arne Weber, Bernd Hagen, Sabine Groos, Jens Kretschmann, Speaker to be confirmed

Calculation of peripheral airspace dimensions from deposition of inhaled nanoparticles
Jakob Löndahl, Jonas Jakobsson, David M. Broday, Laura H. Aalten, Per Wollmer, Speaker to be confirmed

Optical coherence tomography for human airway wall layer identification and quantification
Julia N.S. d’Hooghe, Daniel M. de Bruin, Joris J.T.H. Roelofs, Jouke T. Annema, Peter I. Bonta, Speaker to be confirmed

Self-efficacy in patients with COPD using an online selfmanagement program
Geertje de Boer, Bianka Mennema, Esther van Noort, Erwin Birnie, Johannes In’t Veen, Speaker to be confirmed

Oral Presentation: Molecular immunology of the lung

LSC Abstract – Defect in the translational control of cytokines leading to hyperresponsive bronchial epithelial cells in asthmatics
Abilash Ravi, Saheli Chowdhury, Annemiek Dijkhuis, Rene Lutter, Speaker to be confirmed

LSC Abstract – A human lung explant model of fibrogenesis for the assessment of anti-fibrotic strategies in idiopathic pulmonary fibrosis
Katy Roach, Chris Newby, Y. Amrani, Peter Bradding, Speaker to be confirmed

Non-invasive urinary lipid mediator excretion profiles identify sub-phenotypes of asthma in the U-BIOPRED study
Johan Kolmert, Cristina Gomez, Diane Lefaudeux, Bertrand DeMeulder, Anna James, Charles Auffray, Craig Wheelock, Sven-Erik Dahlen, Speaker to be confirmed

Expressions of chemokines recruiting eosinophil and monocyte in well-differentiated human bronchial epithelial cells stimulated with staphylococcal enterotoxin
Sae-Hoon Kim, Byung-Keun Kim, Sung-Yoon Kang, Soon-Hee Kim, Yoon-Seok Chang, Speaker to be confirmed

Asthma patients hospitalized with influenza lack mucosal and systemic type 2 inflammation
Akhilesh Jha, Jake Dunning, Tanushree Tunstall, Trevor Hansel, Peter Openshaw, Speaker to be confirmed

Serum level directed itraconazole therapy in allergic bronchopulmonary aspergillosis
Kshitij Agarwal, Roger Bruggemann, Anuradha Chowdhary, J.F. Meis, S.N. Gaur, Speaker to be confirmed

Dipeptidyl peptidase I (DPPI) cleaves surfactant protein D (SP-D): A mechanism for immune compromise in the lung
Yaroslav Shkanov, Rose-Marie A. Mackay, Rhys George, Laurie C.K. Lau, Rana Abadalkareem, John Pedersen, Andrew F. Walls, Speaker to be confirmed

Oral Presentation: Important factors, besides smoking, related to lung function and decline in lung function

Chairs:
Menopause is associated with accelerated lung function decline in the longitudinal European community respiratory health survey
Kai Triebner, Bobette Matulonga, Ane Johannessen, Sandra Suske, Luca Puggini, Judith Garcia Aymerich, Eva Lindberg, Vivi Schluessel, Jesu Smarts, Moratalla Rovira, Nerea Munozguren Agirre, Chantal Raherison, Isabelle Pin, Pascal Demoly, Mathias Holm, Rain Johanss, Karl A. Franklin, Bryndis Benediktsdottir, Debbie Jarvis, Cecilie Svanes, Joachim Heinrich, Jordi Sunyer, Nicole Probst-Hensch, Shyamali C. Dharmage, Steinar Hustad, Beate Hedegaard, Franci Gomez Real, Speaker to be confirmed

11:00
Prognostic significance of large airway measures on computed tomography (CT) in the general population: The MESA-lung study
Elizabeth Oelsner, Eric Hoffman, Benjamin Smith, Erin Michos, David Jacobs, Ravi Kalhan, Daniel Rabinowitz, R. Graham Barr, Speaker to be confirmed

11:15
Abdominal adiposity measured by ultrasound and pulmonary function: A cross-sectional analysis nested in a birth cohort
Ana Maria Menezes, Paula D. de Oliveira, Fernando C. Wehrmeister, Rogelio Perez-Padilla, Helen Goncalves, Maria Cecilia F. Assuncao, Bernardo L. Horta, Denise P. Gigante, Fernando C. Barros, Speaker to be confirmed

11:30
Lung function in postmenopausal women from the UK Biobank
Andre Amaral, David Strachan, Francisco Gomez Real, Peter Burney, Deborah Jarvis, Speaker to be confirmed

11:45
Long-term physical activity pattern and lung function in European adults
Elaine Fuertes, Josep M. Antó, Roberto Bono, Anne-Elie Carsin, Shyamali Dharmage, Thorarin GISLASON, Deborah Jarvis, Ane Johannessen, Joachim Heinrich, Beate Hedegaard, Alessandro Marcon, Wasif Raza, Francisco Gomez Real, Melissa Russell, Cecilie Svanes, Judith Garcia Aymerich, Speaker to be confirmed

12:00
Methylated CpGs in early life predict lung function in subsequent periods
Shadia Khan Sunny, Akhilesh Kaushal, Hongmei Zhang, S. Hasan Arshad, John W. Holloway, Wilfried Karmaus, Speaker to be confirmed

12:15
Differentially methylated genes related to gestational age are also expressed during fetal lung development
Simon Kebede Merid, Cheng-Jian Xu, Mariona Bustamante, Nour Baiz, Isabella Annesi-Maesano, Josep M. Antó, Jean Bousquet, Olena Gruzieva, Juha Kere, Ashish Kumar, Göran Pershagen, Dirkje Postma, Jordi Sunyer, Cilia Söderhäll, Kelan Tantisira, Scott T. Weiss, Gerard H. Koppelman, Erik Melén, Speaker to be confirmed

10:45 - 12:45
Oral Presentation: Paediatric respiratory infection and immunology
Chairs:

10:45
A randomized controlled trial examining high-flow oxygen in the management of infants with moderate bronchiolitis
Elizabeth Kepreotes, Bruce Whitehead, John Attia, Christopher Oldmeadow, Adam Collison, Bernadette Goddard, Mark Lee, Linda Cheese, Jodi Hilton, Michael Ancombe, Michael Zhang, Mark Kepreotes, Lynelle Jenkinson, Camilla Askie, Leanne Lehrle, Laurence Roddick, Tanya Gulliver, Joerg Mattes, Speaker to be confirmed

11:00
Metabolomic analysis of infectious parapneumonic effusions reveals biomarkers for management of children with streptococcus pneumoniae pneumonia
Chih-Yung Chiu, Gigin Lin, Mei-Ling Cheng, Meng-Han Chiang, Shen-Hao Lai, Kin-Sun Wong, Speaker to be confirmed

11:15
Detection of respiratory syncytial virus in cord blood mononucleocytes is most prevalent in samples from winter births
Angela Foncetta, Abha Chopra, Avram Levy, Matthew Wee-Peng Poh, Paul Noakes, Natasha Bear, Susan Prescott, Mark Everard, Speaker to be confirmed

11:30
Nasal airway epithelial cells cytokine responses in children stratified by asthma and atopy
Stephen Turner, Danielle Spiteri, David Miller, Alison Scaife, Graham Devereux, Garry Walsh, Speaker to be confirmed

11:45
TSLP and periostin in infants with viral bronchiolitis
Ana Moreira,Maria Luz Garcia, Cristina Calvo, Sergio Quevedo, Francisco Pozo, Inmaculada Casas, Victoria del Pozo, Speaker to be confirmed
12:00 Microbiota in children with HIV-associated bronchiectasis
Refiloe Masekela, Solize Volsoo, Robin Green, Fanus Venter, Speaker to be confirmed

12:15 Conservation of oxygen supply using reservoir cannulas for pediatric oxygen therapy: Proof-of-concept
Grace Wu, Alec Wollen, Stephen Himley, Robert Diblasi, Gene Saxon, Jaclyn Delarosa, Glenn Austin, Rasa Izadnegahdar, Darin Zehrung, Speaker to be confirmed

10:45 - 12:45 Oral Presentation: Translational research in respiratory infections
Chairs:

10:45 Vasculotide reduced pulmonary hyperpermeability in pneumococcal pneumonia
Birgitt Gutbier, XiaoHui Jiang, Carolin Ehrler, Tim J. Mitchell, Norbert Weissmann, Paul Van Slyke, Dan J. Dumont, Norbert Suttorp, Martin Witzenrath, Speaker to be confirmed

11:00 Pneumococcal pneumonia in baboons; a novel translational science model
Luis Reyes, Cecilia Hinojosa, Nilam Soni, Carlos Orihuela, Marcos Restrepo, Speaker to be confirmed

11:15 Fluticasone propionate alters the respiratory tract microbiota and has dose-related effects on anti-bacterial host defence
Aran Singanayagam, Nicholas Glanville, Phillip James, Leah Cuthbertson, Nathan Bartlett, Miriam Moffatt, William Cookson, Sebastian Johnston, Speaker to be confirmed

11:30 An alternative method to the infection detection for differentiation of 3 and 4 MRGN germs by use of GC IMS
Gunther Becher, Roman Purkhart, Tobias Raessler, Werner Schueler, Claus Steppert, Speaker to be confirmed

11:45 Associations between haemophilus influenzae and levels of sputum antimicrobial peptides in COPD
Louise Persson, Marianne Aanerud, Jon A. Hardie, Per S. Bakke, Tomas M. Eagan, Pieter S. Hiemstra, Speaker to be confirmed

12:00 Cigarette smoke inhibits bacteria-induced FABP5 expression by preventing c-Jun binding to FABP5 promoter
Fabienne Gally, Deviyani Rao, Anne-Laure Perraud, Carsten Schmitz, Speaker to be confirmed

12:15 A comparative study of pulmonary host defense in murine obesity models: Important insights into neutrophil function
Niki Ubags, Elianne Burg, Maryellen Antkowiak, Aaron Wallace, Estee Dilli, Jenna Bement, Matthew Wargo, Matthew Poynter, Emiel Wouters, Benjamin Suratt, Speaker to be confirmed

14:45 - 16:45 Poster Discussion: From cardiopulmonary interaction to locomotor muscles and dyspnoea in health and disease
Chairs:

Intrinsic mitochondrial function in COPD is not impaired in lower limb skeletal muscle
Bhavesh Popat, Tim Constantin, Despina Constantin, Lorna Latimer, Charlotte Bolton, Paul Greenhaff, Michael Steiner, Speaker to be confirmed

Usefulness of the forced oscillation technique in diagnosing asthma-COPD overlap syndrome
Toshihiro Shirai, Keita Hirai, Taisuke Akamatsu, Takahito Suzuki, Ichiro Hayashi, Akito Yamamoto, Takefumi Akita, Satoru Morita, Kazuhiro Asada, Speaker to be confirmed

Influence of bicarbonate on ventilatory drive in healthy subjects
Eline Oppersma, Jonne Doorduin, Johannes van der Hoeven, Peter Veltink, Leo Heunks, Speaker to be confirmed

Do COPD patients with only mild-to-moderate airflow obstruction present with endothelial dysfunction?
Joel Zelt, Trevor King, Daniel Hirai, Joshua Jones, Ingrid Rafferty, Luiza Castanhas, Kyra Pyke, Denis O’Donnell, J. Alberto Neder, Speaker to be confirmed

Combined hypoxia and inactivity: Effect on ventilatory demands during rest and exercise
Antonella Lo Mauro, Igor Mekiavic, Andrea Aliverti, Speaker to be confirmed
Relationships between sarcopenia and pulmonary function, exercise capacity, and prognosis in patients with COPD
Yukari Sugiyama, Kazuhiisa Asai, Shinya Yoshiida, Yohkoh Kyomoto, Tamaki Kawamoto, Kanako Sato, Yuko Kureya, Atsuko Okamoto, Kazuhiro Yamada, Naoko Yoshii, Tetsuya Watanabe, Masato Uji, Kazuto Hirata, Speaker to be confirmed

COPD influences on left heart wall stress — An analysis of the COSYCONET cohort
Peter Alter, Henrik Watz, Tobias Welte, Sven Gläser, Holger Schulz, Robert Bals, Sandra Söller, Anni Karch, Claus Vogelmeier, Rudolf Jöres, Speaker to be confirmed

Ventilatory adaptation to eccentric cycling in moderate to severe COPD patients
Ophélie Ritter, Alicia Guillien, Nicolas Tordi, Laurent Mourot, Malika Bouhadji, Davy Laroche, Delphine Besson, Jean-Marie Casillas, Bruno Degano, Speaker to be confirmed

Can the lung be obese? Lung tissue volume (Vtiss) is elevated in severe obesity and reduced by bariatric surgery
Arnoldo Santos, Eva Rivas, Robert Rodriguez-Roisin, Jesus Ruiz-Cabello, Ebymary Arismendi, Jose G. Venegas, Speaker to be confirmed

Exercise-induced bronchoconstriction: New cellular and molecular mechanisms evaluated in 80 male marathon runners
Rodolfo de Paula Vieira, Ana Paula Sierra, Manoel C. Oliveira-Junior, Francine M. Almeida, Marino Benetti, Rodrigo Oliveira, Soraia Nogueira, Isabella Santos Genaro, Beatriz Mangueira Saraiva-Romanhoto, Milton Arruda Martins, Nabil Ghoreyeb, Maria Fernanda Cury-Bouvenutre, João Bosco Pesqueiro, Maria Augusta Peutti Dal Moini Kiss, Speaker to be confirmed

Impaired control of gait in patients with severe obstructive sleep apnea is reversed by continuous positive airway pressure treatment
Sébastien Baillieul, Bernard Wuyam, Mathieu Marillier, Dominic Perennou, Jean-Louis Pepin, Samuel Verges, Speaker to be confirmed

COPD or not COPD: Answer in FEV1
Alicia Guillien, Marc Puyraveau, Thibaud Soumagne, Matthieu Veil-Picard, Pauline Roux, Stéphanie Guillou, Fabrice Rannou, Patrick Berger, Frédéric Mauny, Jean-Jacques Laplante, Jean-Charles Dalphin, Bruno Degano, Speaker to be confirmed

Pectoralis muscle area and skeletal muscle strength in patients with ILD
Pietro Merola, Ricardo Gass, Rui Gustavo Paulus Dorneles, Marcelo Gazzana, Fernando Gazzoni, Bruno Hochhegger, Samuel Vergés, Danilo Berton, Speaker to be confirmed

Simple daily step count predicts long-term changes in arterial stiffness in symptomatic COPD patients
Motohiko Miura, Toshiyasu Yatsu, Katsuya Takita, Musashi Abe, Ayumi Ito, Tatsuya Otsuka, Yuusuke Tashiro, Tomohiro Sakakibara, Speaker to be confirmed

Heliox moderates multidimensional domains of exertional dyspnoea in people with COPD
Toby Hunt, Peter Frith, Gordon Ford, David Schembri, Marie Williams, Speaker to be confirmed

Links between exercise-induced asthma and allergies in children: Should we pay a little more attention to children who are breathless to the effort?
Kalomoira Kefala, Celine Hebette, Catia Castigliano, Marie Fonteyn, Julie Harvengt, Marie-Christine Seghaye, Speaker to be confirmed

Inspiratory capacity manoeuvres may underestimate dynamic hyperinflation in patients with COPD; the explanation for apparent non-inflators
Yuanming Luo, Zhihui Qiu, Joerg Steier, Baiting He, Nanshan Zhong, John Moxham, Michael Polkey, Speaker to be confirmed

Noninvasive assessment of respiratory muscle strength and activity in myotonic dystrophy
Guilherme Fregonezi, Morgana Araujo Evangelista, Fernando Dias, Mario Emilio Dourado Jr., Illia Nadine Dantas Florentino Lima, Vanessa Resqueti, Andrea Aliverti, Speaker to be confirmed
SUNDAY 04 SEPTEMBER, 2016

13:15-14:30
Industry Practical Workshop: FeNO: A valuable biomarker for Asthma Phenotyping
Organised by Aerocrine AB a Circassia company

13:15-14:30
Industry Practical Workshop: Sleep Disordered Breathing and Cardiovascular Disease
Organised by Philips

13:15-14:30
Industry Practical Workshop: Flexible and Rigid Bronchoscopy in Adults
Organised by Karl Storz GmbH & Co.KG

13:15-14:30
Industry Practical Workshop: Quality assured LCI - overcoming challenges LCI for early detection and monitoring of Ventilation Inhomogeneity
Organised by ndd Medizintechnik AG

17:15-19:15
Industry evening symposium: Getting personal: the future for patients with COPD?
Organised by AstraZeneca

17:15-19:15
Industry evening symposium: Therapies and Strategies Stay Ahead in PAH
Organised by Actelion Pharmaceuticals Ltd

17:15-19:15
Industry evening symposium: Shaping the COPD landscape through early, optimal care
Organised by Boehringer Ingelheim Pharma GmbH & Co. KG

17:15-19:15
Industry evening symposium: Early diagnosis of IPF: a patient journey
Organised by F. Hoffmann-La Roche

17:15-19:15
Industry evening symposium: Disease management of COPD, AATD and NCFBE: What can we learn from real-life data?
Organised by GRIFOLS, S.A.

17:15-19:15
Industry evening symposium: Asthma: This time, it's personal.
Organised by GlaxoSmithKline

17:15-19:15
Industry evening symposium: NTM lung infections: challenging the current treatment approach
Organised by Insmed

17:15-19:15
Industry evening symposium: Navigating the bronchial tube: connecting the routes for successful real-life outcomes in asthma care
Organised by Mundipharma International Ltd

17:15-19:15
Industry evening symposium: The role of IgE in allergic asthma: A glance to the past, a toast to the future
Organised by Novartis Pharma AG

17:15-19:15
Industry evening symposium: New Frontiers and Clinical Advances in IMMUNOTHERAPY FOR ASTHMA
Organised by Sanofi and Regeneron Pharmaceuticals

17:15-19:15
Industry evening symposium: Device Matters | Looking beyond the drug
Organised by Teva Branded Pharmaceutical Products R&D, Inc

17:30-19:00
Industry evening mini symposium: Offering broader protection against influenza to your patients: the example of COPD
Organised by GlaxoSmithKline Vaccines

17:30-19:00
Industry evening mini symposium: "Coils for the treatment of advanced emphysema: evidence and learnings from randomized controlled programs."

Organised by PneumRx Ltd, a BTG International group company
MONDAY 05 SEPTEMBER, 2016

13:15-14:30
Industry Practical Workshop: Disease Management of the COPD Patient
Organised by Philips

13:15-14:30
Industry Practical Workshop: Bronchial Thermoplasty: Established Treatment for Severe Asthma
Organised by Boston Scientific International

13:15-14:30
Industry Practical Workshop:
Organised by Covidien AG

13:15-14:30
Industry Practical Workshop: Innovations towards personalized sleep therapy
Organised by ResMed

13:15-14:30
Industry Practical Workshop: iVAPS in Life Support and Telemedicine in Ventilation
Organised by ResMed

13:15-14:30
Industry Practical Workshop:
Organised by PneumRx Ltd, a BTG International group company

13:15-14:30
Industry Practical Workshop: EBUS State of the Art Training Interventional Pulmonology
Organised by FUJIFILM Europe

17:15-19:15
Industry evening symposium: Asthma management challenging long-standing assumptions
Organised by AstraZeneca

17:15-19:15
Industry evening symposium: Allergy immunotherapy in asthma management - new evidence and
future opportunities
Organised by ALK

17:15-19:15
Industry evening symposium: Where do we go from here? Personalised medicine and patient-focused care in IPF
Organised by Boehringer Ingelheim Pharma GmbH & Co. KG

17:15-19:15
Industry evening symposium: Managing the symptomatic asthma patient Options for the many and the few
Organised by Boehringer Ingelheim Pharma GmbH & Co. KG

17:15-19:15
Industry evening symposium: Personalised medicine in COPD: innovating to improve patient care
Organised by GlaxoSmithKline

17:15-19:15
Industry evening symposium: Exacerbation risk reduction in COPD patients: new evidence with dual bronchodilation
Organised by Novartis Pharma AG

17:15-19:15
Industry evening symposium: Optimising the management of patients with severe eosinophilic asthma: why, when and how?
Organised by Teva Branded Pharmaceutical Products R&D, Inc

17:15-19:15
Industry evening symposium: Pneumococcal vaccination and chronic respiratory diseases
Organised by Pfizer International Operations

17:30-19:00
Industry evening mini symposium: Challenges in the management of non-CF bronchiectasis
Organised by Bayer Pharma AG

17:30-19:00
Industry evening mini symposium: Real world clinical cases in acute PE care
17:30-19:00
Industry evening mini symposium: CTEPH Challenging Clinical Cases
Organised by Bayer Pharma AG

17:30-19:00
Industry evening mini symposium: Moving Towards TB Elimination: Achievements Challenges in Adopting TB ImmunodiagnosticsA Case-Based, Interactive Program
Organised by Merck Sharp & Dohme Corp.

17:30-19:00
Industry evening mini symposium: The Future is Now: Precision Treatment of Emphysema Patients
Organised by Oxford Immunotec

17:30-19:00
Industry evening mini symposium: Contemporary management of Home NIV in COPD and OHS
Organised by ResMed
TUESDAY 06 SEPTEMBER, 2016

07:00-08:15
Industry early morning symposium: Managing co-morbidities in patients with COPD SUMMIT and Beyond
Organised by GlaxoSmithKline

13:15-14:30
Industry Practical Workshop: iVAPS in life support and telemedicine in ventilation
Organised by ResMed

13:15-14:30
Industry Practical Workshop: Medical Thoracoscopy
Organised by Karl Storz GmbH & Co.KG

13:15-14:30
Industry Practical Workshop: The Orkney Islands to IntraOral Scanning the latest topics in Dental Sleep medicine
Organised by ResMed

13:15-14:30
Industry Practical Workshop: Innovation in Respiratory Care (POINT AWARDS)
Organised by ERS

17:15-19:15
Industry evening symposium: Uncontrolled Asthma
Organised by AstraZeneca

17:15-19:15
Industry evening symposium: The essentials of COPD maintenance therapy
Organised by Boehringer Ingelheim Pharma GmbH & Co. KG

17:15-19:15
Industry evening symposium: Modern management of airways disease
Organised by Chiesi Farmaceutici S.p.A.

17:30-19:00
Industry evening expert forum: Modifying Alpha-1 Antitrypsin Deficiency Related Emphysema: From Evidence to Practice
Organised by CSL Behring GmbH

17:30-19:00

Industry evening expert forum:
Organised by Insmed

17:30-19:00

Industry evening expert forum: Optimizing the Nitric Oxide pathway in PAH
Organised by Merck & Co, Inc.

17:30-19:00

Industry evening mini symposium: Metered Cryospray An Innovative Approach for Chronic Bronchitis Patients
Organised by CSA Medical

17:30-19:00

Industry evening mini symposium: "Technology New ways of supporting PAH patient management
Organised by GlaxoSmithKline

17:30-19:00

Industry evening mini symposium: Targeted Lung Denervation in Obstructive Lung Disease: Concept to Clinic
Organised by Holaira

17:30-19:00

Industry evening mini symposium: New challenges in COPD management
Organised by Zambon Spa

17:30-19:00

Industry evening mini symposium: Thinking beyond CPAP - Emerging alternative treatments for OSA
Organised by Inspire Medical Systems, Bluepro and Nightbalance
Industry evening mini symposium: Smoking cessation and pulmonary disorders: new horizons for smoking cessation

Organised by Pfizer Ltd