Annual Meeting 2009 of the Austrian Society of Pneumology

“The Lung in Focus”
Salzburg Congress
June 11 – 13, 2009

FINAL PROGRAM

Main topics:
- Kidney and Lung
- GI-Tract and Lung
- Comorbidities
- Interventional Pneumology

Information and programme:
www.ogp.at
<table>
<thead>
<tr>
<th>Table of Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welcoming Address</td>
</tr>
<tr>
<td>Programme at a glance</td>
</tr>
<tr>
<td>Scientific Poster Prize</td>
</tr>
<tr>
<td>of the Austrian Society of Pneumology (ÖGP)</td>
</tr>
<tr>
<td>Vivisol Charity Care Prize</td>
</tr>
<tr>
<td>Scientific Programme</td>
</tr>
<tr>
<td>General Information</td>
</tr>
<tr>
<td>List of Exhibitors</td>
</tr>
<tr>
<td>Sponsors and Supporters</td>
</tr>
<tr>
<td>Page</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>10</td>
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<tr>
<td>59</td>
</tr>
<tr>
<td>62</td>
</tr>
<tr>
<td>63</td>
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PATRONAGE:

Mag. Gabi Burgstaller  
Governor of Salzburg

o. Univ.-Prof. DDr. hc. Wolfgang Schütz  
Rector of the Medical University of Vienna
Welcome Address

Dear Colleagues,

on behalf of the Congress Organisation Committee, I have the pleasure to invite you to the Annual Meeting 2009 of the Austrian Society of Pneumology to Salzburg. Since the European Respiratory Society - ERS will hold its annual meeting in Vienna in fall 2009, we selected the spring term (June 11 – 13, 2009) for our conference. Salzburg, situated at the heart of Austria, was the venue for our most successful ASP-conference two years ago. Again it will meet all needs of our members this time and be a very attractive venue for our guests from abroad. The atmosphere of spring will hopefully contribute to a high rate of attendance.

The “Salzburg Congress” center, located adjacent to the Mirabell garden, offers excellent meeting facilities and will enable us to hold a professional scientific conference.

The Lung in Focus - Part 2 continues scientifically the theme of our 2008 meeting and will again highlight the impact of lung diseases on other organs and vice-versa of various diseases on the lung. This time we’ll focus on the gastro-intestinal tract and the kidneys. In addition, we will continue with and intensify our formats (Updates in Pneumology, Seminars of the ERS School, Grand Rounds, etc.) and discuss topics like co-morbidities in COPD, systemic side effects of malignancies and of antineoplastic and antibiotic therapy similar to those which were successfully taken up last year.

Besides continuing medical education allowing to earn CME credits, we will endeavor to provide the newest scientific developments in diagnosis, management and therapy of the main respiratory diseases as well. It is our explicit goal to find an excellent balance between continuing clinical education and recent scientific developments in our field. We will also focus on the clinical and scientific activities of our members, again providing Scientific Poster Awards of the Austrian Society of Pneumology. Also the very successful “Case of the Year” presentation will be part of the meeting.

With our program, we hope to meet the expectations of many pneumologists and the associated health care professionals of respiratory medicine. The multidisciplinary aspect of the topics should also attract colleagues of other medical specialties.

We would like to say “Welcome to Salzburg” to all members and contributors of and to the Austrian Society of Pneumology.

O.C. Burghuber, M.D.
Professor of Medicine
President of the Austrian Society of Pneumology
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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>08:30 – 14:00</td>
<td>CME 1: Echocardiography for pneumologists (5 CME Credits)</td>
<td>Doppler Saal, Salzburg Congress, 4th floor</td>
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<tr>
<td>08:30 – 12:30</td>
<td>CME 2: Cytology – part 1 (4 CME Credits)</td>
<td>Mozart Saal 1–3, Salzburg Congress, ground floor</td>
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<tr>
<td>08:30 – 12:30</td>
<td>CME 3: The respiratory emergency (4 CME Credits)</td>
<td>Paracelsus Saal, Salzburg Congress, 2nd floor</td>
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<tr>
<td>08:30 – 12:30</td>
<td>CME 4: Improving communication in oncology (CME Credits)</td>
<td>Trapp Zimmer, Salzburg Congress, 5th floor</td>
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<tr>
<td>08:30 – 11:30</td>
<td>Workshop: The nursing process in COPD patients</td>
<td>Trakl Saal, Salzburg Congress, 3rd floor</td>
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<tr>
<td>11:30 – 13:00</td>
<td>Lunch Break</td>
<td>Karajan Saal* Mozart Saal 1–3 Mozart Saal 4–5</td>
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<tr>
<td>13:00 – 14:30</td>
<td>Who should treat the pneumothorax: the pneumologist or the surgeon?</td>
<td>All you need to know about gastroenterology and hepatology Do all pulmonary departments need a respiratory care unit?</td>
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<tr>
<td>14:30 – 15:00</td>
<td>Coffee break</td>
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<tr>
<td>15:00 – 16:30</td>
<td>Recent developments in bronchology</td>
<td>Sarcoidosis in 2009 Drug-induced lung diseases</td>
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<td>16:30 – 17:00</td>
<td>Coffee break</td>
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<tr>
<td>17:00 – 18:30</td>
<td>Management of benign and malignant central airway-obstruction: state of the art lecture</td>
<td>ANCA positive vasculitis and Goodpasture syndrome Alpha1-antitrypsin-deficiency – rare but underdiagnosed</td>
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<tr>
<td>18:30 – 19:30</td>
<td>Opening of the conference</td>
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*Simultaneous translation German-English
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>07:00 – 08:00</td>
<td>Meet the expert breakfast – ‘How to write a paper’</td>
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<td>Location: Sheraton, Salon Mozart</td>
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<td>08:30 – 10:00</td>
<td>Update in Pneumology – part 1</td>
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<td>Diagnosis of tuberculosis</td>
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<td>Wheezy bronchitis and bronchial asthma in pre-school children</td>
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<td>Nutrition in COPD – task of nurses?</td>
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<td>10:00 – 10:30</td>
<td>Coffee break</td>
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<td>10:30 – 12:00</td>
<td>COPD in never-smokers – relevant for clinical practice?</td>
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<td>Obesity-hypoventilation syndrome</td>
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<td>Clinical allergology</td>
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<td>12:00 – 13:30</td>
<td>Lunch break</td>
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<tr>
<td>13:30 – 15:00</td>
<td>Trials that matter in COPD</td>
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<td>Spiroergometry – exercise scrutinized</td>
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<td>Ventilatory pump dysfunction in COPD</td>
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<td>15:00 – 15:30</td>
<td>Coffee break</td>
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<tr>
<td>15:30 – 17:00</td>
<td>Liver – lung interactions</td>
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<td>Poster discussion at the poster boards</td>
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<td>Treatment of NSCLC: Adjuvant to 2nd line chemotherapy</td>
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<td>17:00 – 17:30</td>
<td>Coffee break</td>
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<tr>
<td>17:30 – 19:00</td>
<td>End of life care of patients with endstage lung disease</td>
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<td>Oral presentation of the best posters</td>
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<td>Targeted therapies for the treatment of NSCLC – basics, news, side effects</td>
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<tr>
<td>20:00</td>
<td>Social Evening in the ‘Residenz Salzburg’</td>
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<td>(ASP Poster Awards, ‘Michael Neumann Gedächtnispreis’, Vivisol Charity Award, Traveller Grants)</td>
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*Simultaneous translation German-English
# Program at a glance

## Saturday, June 13, 2009

<table>
<thead>
<tr>
<th>Location</th>
<th>Karajan Saal*</th>
<th>Mozart Saal 1–3</th>
<th>Mozart Saal 4–5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>08:30 – 10:00</strong></td>
<td>Outpatient pulmonary rehabilitation</td>
<td>Update in pneumology – part 2</td>
<td>New developments in the understanding of pulmonary arterial hypertension</td>
</tr>
<tr>
<td><strong>10:00 – 10:30</strong></td>
<td><strong>Coffee break</strong></td>
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<tr>
<td><strong>10:30 – 12:00</strong></td>
<td>Co-morbidities in COPD II</td>
<td>Side effects of antibiotic therapies</td>
<td>Travelling abroad with respiratory diseases</td>
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<tr>
<td><strong>12:00 – 13:30</strong></td>
<td>General Assembly of the Austrian Society of Pneumology</td>
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<tr>
<td><strong>13:30 – 15:00</strong></td>
<td>Grand Round: Case of the Year</td>
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*Simultaneous translation German-English

## Sunday, June 14, 2009

### DFP Modules (in German)

<table>
<thead>
<tr>
<th>Time</th>
<th>Content</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td><strong>08:30 – 12:30</strong></td>
<td>CME 5: Spiroergometry (4 CME Credits)</td>
<td>Mozart Saal 1</td>
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<td>Location: Mozart Saal 1</td>
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<td><strong>08:30 – 12:30</strong></td>
<td>CME 6: Orphan lung diseases (4 CME Credits)</td>
<td>Mozart Saal 2</td>
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<td></td>
<td>Location: Mozart Saal 2</td>
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<tr>
<td><strong>08:30 – 12:30</strong></td>
<td>CME 7: Thoracic radiology part III (4 CME Credits)</td>
<td>Mozart Saal 3</td>
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<td>Location: Mozart Saal 3</td>
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<tr>
<td><strong>08:30 – 12:30</strong></td>
<td>CME 8: Pediatric pneumology (4 CME Credits)</td>
<td>Mozart Saal 4</td>
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<td>Location: Mozart Saal 4</td>
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<tr>
<td><strong>08:30 – 16:00</strong></td>
<td>CME 9: Polysomnography – part II (8 CME Credits)</td>
<td>Mozart Saal 5</td>
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<td>Location: Mozart Saal 5</td>
<td></td>
</tr>
</tbody>
</table>
ASP Business Meetings of Working groups (WG)

Thursday, June 11, 2009
09:30 - 11:00
Honorary Council
Room: Sheraton, Salon Mozart
11:30 – 13:00
WG Allergy and Inflammation
Room: Sheraton, Room Papageno
WG Interstitial lung diseases and „orphan diseases“
Room: Sheraton, Room Hohensalzburg
WG Clinical respiratory physiology
Room: Salzburg Congress, Trakl Saal
WG Pediatric Pneumology
Room: Salzburg Congress, Karajan Saal
WG Sleep related breathing disorders
Room: Salzburg Congress, Mozart Saal 4–5

Friday, June 13, 2009
12:00 – 13:30
WG Pulmonary rehabilitation and smoking cessation
Room: Salzburg Congress, Doppler Saal
WG Interventional pneumology
Room: Salzburg Congress, Trakl Saal
WG Pulmonary oncology
Room: Salzburg Congress, Paracelsus Saal
WG Pulmonary circulation
Room: Salzburg Congress, Trapp Zimmer
WG Environmental and occupational medicine, tobacco restriction
Room: Salzburg Congress, Mozart Saal 4
WG Cardiorespiratory physiotherapy
Room: Salzburg Congress, Mozart Saal 5
15:00 – 15:30
WG Pulmonary care
Room: Salzburg Congress, Paracelsus Saal

Saturday, June 13, 2009
17:30 – 19:00
WG Infectious diseases and TB
Room: Salzburg Congress, Paracelsus Saal
WG Respirator therapy and intensive care
Room: Salzburg Congress, Trakl Saal
Scientific Poster-Award of the ASP 2009

The Austrian Society of Pneumology announces its annual Scientific Poster Award. To the first three awards the following prizes are allocated:

1st place € 4,000.–
2nd place € 2,000.–
3rd place € 1,000.–

with the kind support of the Gold Sponsors.

The best six abstracts are going to be anonymised and reviewed by an international jury. The authors are invited to an oral presentation in English on Friday, June 11th 2009 at 17.30 hrs.

All other accepted posters will be presented during the poster discussion on Friday, June 11th 2009 at 15.30 hrs.

Case of the Year 2008

The ASP will repeat the successful case-of-the-year competition in 2009. All Austrian pulmonary departments are invited to submit their most interesting case of the last year. The best 3 cases will be chosen by digivoting immediately after the presentation on Saturday, June 13th 2009 at 13.30 hrs.
Vivisol Charity Care Prize

4,000.– Euro for a better quality of life!

Vivisol Charity Care donated a sum of 4000 Euro to allow patients with home respirators a better quality of life. Vivisol Charity Care was set up by Vivisol Respiratory Care together with Dr. Sylvia Hartl (Otto-Wagner-Hospital in Vienna). Vivisol Charity Care is committed to help with health care expenses related to medical equipment or services not covered by health insurance, for example:

- Computer aides (e.g. voice control) for tracheotomized patients
- Vacation with medical support
- Modifications of living quarters

We look forward to your proposals of projects worth supporting patients with special medical care needs. The submitted proposals will be judged by a jury and the recipient of the support will be announced during the annual congress of the Austrian Society of Pneumology (ASP) held in Salzburg 2009.

**Deadline for submission is May 31st, 2009**

The form can be found on the website of the ASP: www.ogp.at, or requested by phone under +43-(0)1-524 62

The completed form should be sent to the following address:
VIVISOL Heimbehandlungsgeräte GmbH
z. H. Herrn Mag. Andreas Budz,
Richard Strauss-Straße 10
A-1230 Wien/Austria
or e-mailed to: a.budz@vivisol.at
Thursday, June 11, 2009 – 13:00 – 14:30
Who should treat the pneumothorax: the pneumologist or the surgeon?

Chair: Bernhard Baumgartner, Vöcklabruck Karajan Saal
      Kurt Aigner, Linz

• Felix Herth: A pneumothorax should be treated by the pneumologist!
• Michael Rolf Müller: A pneumothorax should be treated by the surgeon!
• Peter Errhalt: Pneumothorax is a heterogeneous disease: do we know what we are treating?

Target audience: medical doctors, medical doctors in training, medical doctors with private practice

Objective: At the end of the session the audience will better understand:
• unclear issues in the pathogenesis of pneumothorax
• the scope of guidelines for treatment of pneumothorax
• therapeutic options (surgical vs medical, needle aspiration vs drainage)
• a treatment algorithm will be suggested

This module was organized by the Working group INTERVENTIONAL PNEUMOLOGY
Thursday, June 11, 2009 – 13:00 – 14:30
All you need to know about gastroenterology and hepatology

<table>
<thead>
<tr>
<th>Chair: Georg-Christian Funk, Wien</th>
<th>Mozart Saal 1-3</th>
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<tr>
<td>Christian Prior, Innsbruck</td>
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- Rainer Schöfl: **Diagnostic and interventional endoscopy of colorectal neoplasmas**
- Michael Häfner: **Gastric and esophageal diseases - it’s all acid, isn’t it?**
- Markus Peck-Radosavljevic: **Chronic viral hepatitis – a treatable disease**

Target audience: medical doctors, medical doctors in training, medical doctors with private practice

Objective: At the end of the session the audience will know about novel developments in gastroenterology and hepatology that are relevant to pneumologists. Endoscopic techniques in gastroenterology, pulmonary involvement in CIBD (chronic inflammatory bowel disease?) will be discussed as well as the importance of gastro-esophageal reflux in asthma and ILD.

This module was organized by **DEPARTMENT OF INTERNAL MEDICINE IV, DIVISION OF GASTROENTEROLOGY, AND HEPATOLOGY, VIENNA.**
Thursday, June 11, 2009 – 13:00 – 14:30
Do all pulmonary departments need a respiratory care unit (RCU)?

Chair: Sylvia Hartl, Wien
Peter Schenk, Wien

- Markus Stein: The medical scope of a respiratory care unit
- Thomas Holzgruber: Where do pneumologists get their ICU training?
- Stephan Mildschuh: RCU for everyone - who pays the bill?

Target audience: medical doctors, medical doctors in training, nurses and physiotherapists

Objective: At the end of the session the audience will appreciate the medical scope of RCU. The critical care contents of the Austrian pneumology training will be outlined. The discussion will point out the obstacles against establishing RCU all over Austria.

This module was organized by the Working group INTENSIVE CARE
Thursday, June 11, 2009 – 15:00 – 16:30
Recent developments in bronchology

Chair: Peter Errhalt, Krems Karajan Saal
Walter Klepetko, Wien

- Martin Hetzel: Peripheral biopsy with the kryoprobe in ILD: preliminary results
- Arschang Valipour: Bronchoscopic lung-volume-reduction
- Charles-Hugo Marquette: Endobronchial GPS with 'Super Dimension'

Target audience: medical doctors, medical doctors in training, medical doctors with private practice

Objective: At the end of the session the audience will know novel tools in bronchology, their diagnostic and therapeutic relevance, as well as their limitations

This module was organized by the Working group INTERVENTIONAL PNEUMOLOGY

Thursday, June 11, 2009 – 15:00 – 16:30
Sarcoidosis in 2009

Chair: Christine Armbruster, Wien Mozart Saal 1–3
Rolf Ziesche, Wien

- Sylvia Hofmann: Sarcoidosis - an inherited disease?
- Hubert Koller: Sarcoidosis - diversity in clinical manifestations
- Wolfgang Pohl: Sarcoidosis - when to treat and how?

Target audience: medical doctors, medical doctors in training, medical doctors with private practice

Objective: At the end of the session the audience will understand the genetic background of granulomatous lung diseases. The clinical presentation and diagnostic proceedings of sarcoidosis will be discussed as well as the optimal time for starting therapy.

This module was organized by the working group INTERSTITIAL AND ORPHAN LUNG DISEASES
Thursday, June 11, 2009 – 15:00 – 16:30
Drug-induced lung diseases

Chair: Daniel Doberer, Wien
Bruno Robibaro, Wien

- Michael Wolzt: Adverse drug reactions (ADRs) – an overview for the pneumologists
- Edith Eisenhuber: Drug-induced lung diseases – different radiological patterns
- Ghazaleh Gouya: Cardiovascular drugs and their adverse pulmonary impact

Target audience: medical doctors, medical doctors in training, pharmacists

Objective: At the end of session the audience will know:
types and mechanisms of adverse drug reactions with pulmonary manifestation, diagnostic procedures and report to authorities, radiologic features of drug-induced lung disease and pulmonary side effects of key cardiac drugs

This module was organized by the Working group

INTERSTITIAL AND ORPHAN LUNG DISEASES
Thursday, June 11, 2009 – 17:00 – 18:30
Management of benign and malignant central airway-obstruction: state-of-the-art

Chair: Michael Rolf Müller, Wien
Hubert Koller, Wien

- Charles-Hugo Marquette: *Etiology and classification of central airway stenosis*
- Lutz Freitag: *Stent implantation: advantages, risks and pitfalls*
- Walter Klepetko: *Surgery for central airway obstruction and tracheomalacia*

Target audience: medical doctors, medical doctors in training, medical doctors with private practice, thoracic surgeons

Objective: At the end of the session the audience will understand
- the pathogenesis of central airway stenosis and tracheomalacia
- endoscopic interventions
- novel surgical techniques
- the therapeutic algorithm: when to stent, when to operate

This module was organized by the Working group
INTERVENTIONAL PNEUMOLOGY
Thursday, June 11, 2009 – 17:00 – 18:30
ANCA-positive vasculitis and Goodpasture syndrome

Chair: Lutz-Henning Block, Wien
       Günther Forche, Graz

Mozart Saal 1–3

- Ralph Kettritz: Pathogenesis of ANCA-associated vasculitis – from bench to bedside
- Irmgard Neumann: Clinical manifestations and therapy of ANCA-associated vasculitis
- Karl Lhotta: Goodpasture syndrom – an interdisciplinary challenge for pneumologists and nephrologists

Target audience: medical doctors, medical doctors in training, medical doctors with private practice, pathologists

Objective: The session aims to draw attention to this perilous diseases, inform about proper diagnostic steps and relevant early as well as up-to-date therapy.

This module was organized by the Working group
INTERSTITIAL AND ORPHAN LUNG DISEASES
Thursday, June 11, 2009 – 17:00 – 18:30
Alpha1-antitrypsin-deficiency – rare but underdiagnosed!

Chair: Herbert Jamnig, Natters
Birgit Plakolm, Wien

- Michael Studnicka: Alpha-1-antitrypsin deficiency – underdiagnosis in Austria
- Berend Stoel: CT-analysis and/or lung function – what correlates best with prognosis?
- Roland Buhl: Will EXACTLE change substitution therapy?
- Karin Schmid-Scherzer: The Austrian Alpha-1-antitrypsin-registry – quality management for screening and treatment

Target audience: medical doctors, medical doctors in training, medical doctors with private practice, Pulmonary physican, internists

Objective: At the end of the session, the audience will know the epidemiology of this disease in Austria and understand the implications for screening. Moreover the state-of-the-art of substitution therapy will be presented.

This module was organized by the Department of Pneumology, Paracelsus Medical University Salzburg

Unrestricted educational grant

The Austrian Society of Pneumology is responsible for the content, quality and scientific integrity of this UEG scientific session and guarantees independence of commercial interests.

Thursday, June 11, 2009 – 18:30 – 19:00
Karajan Saal
Opening of the conference
Special Lecture by the president of the ERS Jorrit Gerritsen
Awarding the title “Ambassador of Lung Health” to the Governor of Salzburg Mag. Gabi Burgstaller
Lecture by Prof. Franz X. Heinz
Department of Virology, Medical University of Vienna
Mexican flu - pandemic?
Friday, June 12, 2009 – 7:00 – 8:00
Meet the expert at breakfast –
How to write a paper

Chair: William MacNee
Sheraton, Salon Mozart

Friday, June 12, 2009 – 8:30 – 10:00
Update in pneumology – part 1

Chair: Josef Eckmayr, Wels
Angelika Kugi, Villach

• Horst Olschewski: Update - pulmonary hypertension
• Peter Calverly: Update - COPD
• Gert Wurzinger: Update - pleural diseases

Target audience: Everyone interested in recent developments in clinical pneumology

Objective: The session is intended to convey a concise summary of the recent developments in clinical pneumology. The practical consequences of recent clinical trials are discussed.

This module was organized by the Working groups PULMONARY CIRCULATION AND INTERVENTIONAL PNEUMOLOGY
Friday, June 12, 2009 – 8:30 – 10:00
Diagnosis of tuberculosis

Chair: Rudolf Rumetshofer, Wien
      Rainer Kolb, Wels

Mozart Saal 1–3

• Ralf Zwick: Immunological diagnosis of tuberculosis
• Maximilian Aichelburg: IGRAs for the diagnosis of tuberculosis in HIV infected patients
• Marcel Rowhani: Diagnosis of multi- and extensive drug resistant tuberculosis

Target audience: medical doctors, medical doctors in training, medical doctors with private practice, nurses, MTA, health care workers

Objective: At the end of the session the audience understands the different immunologic techniques in the diagnosis of TB. The difficulties and time frames of the diagnosis of multi- and extensive drug resistant TB cases are discussed.

This module was organized by the Working group INFECTIOUS DISEASES AND TB
Annual Meeting 2009 – Salzburg Congress

Friday, June 12, 2009 – 8:30 – 10:00
Wheezy bronchitis and bronchial asthma in preschool children

Chair: Maximilian Zach, Graz
Wolfgang Pohl, Wien

• Josef Riedler: Epidemiology of bronchial asthma in preschool children
• Fritz Horak: Diagnostic challenges in preschool children with recurrent airway obstruction
• Ernst Eber: The current Austrian consensus on management of recurrent wheezy bronchitis and bronchial asthma in preschool children

Target audience: Pediatricians, pneumologists and everyone interested in pediatric pneumology

Objective: At the end of the session the audience understands the differentia diagnosis between asthma and obstructive bronchitis in children. The epidemiology of bronchial asthma and the current Austrian consensus on the treatment of asthma in preschool children will be presented.

This module was organized by the Working group
PEDIATRIC PNEUMOLOGY

Unrestricted educational grant

The Austrian Society of Pneumology is responsible for the content, quality and scientific integrity of this UEG scientific session and guarantees independence of commercial interests.
Friday, June 12, 2009 – 8:30 – 10:00  
**Nutrition in COPD – task of nurses?**  

**Chair:** Elke Vas, Wien  
Alfred Lichtenschopf, Weyer  

- Marie Breyer: **Malnutrition in COPD**  
- Gabriele Stadlbauer: **Screening for and assessment of malnutrition**  
- Barbara Angela Schmidt: **How to break the downward-spiral? Nutritional medicine in COPD**

**Target audience:** medical doctors, medical doctors in training, medical doctors with private practice, nurses, MTAs, physiotherapists  

**Objective:** At the end of the session, the audience understands the interaction of disordered metabolism and malnutrition in COPD patients. Ways of therapeutic interventions will be discussed.  

This module was organized by the Working group **PULMONARY NURSING**

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Friday, June 12, 2009 – 10:30 – 12:00  
**COPD in never-smokers (NS) – relevant for clinical practice?**  

**Chair:** Herwig Schinko, Linz  
William MacNee, Edinburgh  

- Michael Studnicka: **COPD in NS - the environment**  
- Andrew Bush: **COPD - determined before birth?**  
- Bernd Lamprecht: **The role of occupation in COPD**

**Target audience:** medical doctors, medical doctors in training, medical doctors with private practice, nurses, MTAs, physiotherapists  

**Objective:** At the end of the session the audience understands the interplay of childhood, environmental and occupational factors, that may explain the pathogenesis of COPD in never smokers.  

This module was organized by the Working group **ENVIRONMENTAL AND OCCUPATIONAL MEDICINE AND TOBACCO RESTRICTION**
Friday, June 12, 2009 – 10:30 – 12:00
Obesity hypoventilation syndrome

Chair: Georg Kapfhammer, Wien
Arschang Valipour, Wien

- Andrea Kugi: Pathophysiology and clinical manifestations
- Josef Bolitschek: Diagnostic algorithm
- Wolfram Windisch: Non-invasive ventilation in obesity hypoventilation syndrome

Target audience: medical doctors, medical doctors in training, nurses, MTAs

Objective: The audience will be given a comprehensive review of all aspects of the obesity hypoventilation syndrome, relating to difficulties in diagnosis and therapy as well as introducing novel ventilation devices and ventilation modes.

This module was organized by the Working group
SLEEP RELATED BREATHING DISORDERS
Clinical Allergology

Friday, June 12, 2009 – 10:30 – 12:00

Chair: Felix Wantke, Wien
Wolfgang Popp, Wien
Mozart Saal 4

- Stefan Wöhrl: **Allergy to drugs – relevant or negligible?**
- Wolfgang Hemmer: **Diagnosing allergy: extracts or engineered molecules?**
- Christian Virchow: **Year in review – therapy of allergic asthma in 2009**

Target audience: medical doctors, medical doctors in training, medical doctors with private practice, pneumologists, dermatologists, otorhinolaryngologists, pediatricians

Objective: At the end of the session the audience will know about the complexity of drug related allergy. In addition, it will understand the problems of conventional allergy testing and of reasonably using molecular diagnostic tools. An update on the treatment of bronchial asthma is presented.

This module was organized by the Working group ALLERGOLOGY

Unrestricted educational grant

The Austrian Society of Pneumology is responsible for the content, quality and scientific integrity of this UEG scientific session and guarantees independence of commercial interests.
Friday, June 12, 2009 – 13:30 – 15:00
Trials that matter in COPD

Chair: Otto C. Burghuber, Wien
Sylvia Hartl, Wien

- Michael Studnicka: BOLD
- Peter Calverley: TORCH
- Roland Buhl: UPLIFT

Target audience: everyone, who is interested in recent developments in COPD

Objective: At the end of the session the audience will understand the potential impacts of these large COPD studies on every-day clinical practice.

This module was organized by the CONGRESS ORGANIZING COMMITTEE

Unrestricted educational grant

The Austrian Society of Pneumology is responsible for the content, quality and scientific integrity of this UEG scientific session and guarantees independence of commercial interests.
Chair: Martin Trinker, Graz  
Peter Hesse, Schwechat

- Herwig Schinko: Exercise capacity and its limitation – physiological concepts
- Hartmut Zwick: Spiroergometry – its use and position in clinical work-up and rehabilitation
- Karl-Heinz Rühle: Disability assessment not without spiroergometry?

Target audience: pneumologists, medical doctors in training, internists, rehabilitation centre personnel, medical appraisers, sports experts, physiotherapists, MTAs

Objective: The audience will be confronted with the components of exercise tolerance, indications for spiroergometry, its use in the differentiation of symptoms and for pre-operative risk stratification. The functional basis of respiratory and hemodynamic variables will be discussed. Should spiroergometry be considered the gold standard of any assessment of exercise tolerance?

This module was organized by the Working group

**CLINICAL RESPIRATORY PHYSIOLOGY**
Chair: Markus Stein, Innsbruck
Ingrid Schmidt, Wien

- Wolfram Windisch: **Diaphragmatic dysfunction in COPD**
- Jörg Steier: **Impact of body position on diaphragmatic function**
- Michaela Moltaschl: **Respiratory muscle training - is it really evidence based?**

Target audience: medical doctors, medical doctors in training, medical doctors with private practice, physiotherapists, nurses, ICU nurses

Objective: At the end of the session the audience understands the diaphragm dysfunction in COPD, the influence of body position on diaphragm performance and the indications for inspiratory muscle training in COPD.

This module was organized by the Working group

**CARDIORESPIRATORY PHYSIOTHERAPY**
Friday, June 12, 2009 – 15:30 – 17:00
Liver – lung interactions

Chair: Peter Calverley, Edinburgh
      Ventzislav Petkov, Wien

• Valentin Fuhrmann: **Pathophysiology of the hepatopulmonary Syndrome**
• Roberto Rodríguez-Roisin: **Diagnosis and treatment of the hepatopulmonary Syndrome**
• Peter Schenk: **Portopulmonary hypertension – state-of-the-art**

Target audience: medical doctors, medical doctors in training, MTAs, nurses

Objective: At the end of the session the audience understands the pathophysiology, as well as the diagnostic and therapeutic peculiarities of the pulmonary circulation secondary to hepatic diseases

This module was organized by the Working group

**PULMONARY CIRCULATION**

Friday, June 12, 2009 – 15:30 – 17:00
Poster discussion at the poster boards

Chair: Horst Olschewski, Graz
Friday, June 12, 2009 – 15:30 – 17:00
Treatment of NSCLC: Adjuvant to 2nd line chemotherapy

Chair: Franz Lafleur, Linz
Maximilian Hochmair, Wien

- Rainer Kolb: Adjuvant chemotherapy in NSCLC – state-of-the-art
- Josef Eckmayr: Targeted therapy 1st line? Has its time come?
- Andrea Mohn-Staudner: The dilemma of the 2nd line therapy

Target audience: medical doctors, medical doctors in training, medical doctors with private practice, nurses, and all who are interested in pulmonary oncology

Objective: At the end of the session the audience will know:
- the possibilities and limitations of the present systemic therapies of non-small lung cancer (NSCLC) and
- the safe use of the targeted therapies for thoracic malignancies, especially in the case of the adjuvant, 1st and 2nd line chemotherapy

This module was organized by the Working group PULMONARY ONCOLOGY

Unrestricted educational grant

The Austrian Society of Pneumology is responsible for the content, quality and scientific integrity of this UEG scientific session and guarantees independence of commercial interests.
### End of life care for patients with endstage lung disease

**Chair:** Rita Wardy, Wien  
Werner Schlick, Wien

- Sylvia Hartl: **Medical end-of-life decisions: DNR, DNI, DNE, AND…**
- Adelbert Bachlechner: **End-of-life decision making: The multiprofessional team**
- Kurt Schmoller: **Are we allowed to let someone die?**

**Target audience:** medical doctors, medical doctors in training, medical doctors with private practice, intensivists, MTAs, nurses, physiotherapists

**Objective:** At the end of the session the audience learnt about the results of empiric studies about medical end-of-life decision. The importance of an multi-professional approach in regard to this difficult aspect of care giving is emphasized. Finally legal aspects are presented and discussed.

This module was organized by the Working group **PULMONARY NURSING**

### Oral presentation of the best posters

**Chair:** Horst Olschewski, Graz  
Mozart Saal 1–3
Friday, June 12, 2009 – 17:30 – 19:00
Targeted therapies in the treatment of NSCLC – basics, news, side effects

Chair: Andrea Mohn-Staudner, Wien
      Michael Studnicka, Salzburg

- Martin Filipits: **Targeted therapies in the treatment of NSCLC – basics, news, side effects**
- Robert Pirker: **Cetuximab – a useful supplement in therapy**
- Ferdinand Ploner: **Side effects of targeted therapies**

Target audience: medical doctors, medical doctors in training, medical doctors with private practice, nurses, who are interested in oncology

Objective: At the end of the session the audience will be shown the relevant pathways of targeted therapies. The indications for the newly approved cetuximab will be critically discussed. The undesired side effects of targeted therapies ask for therapy plans tailored to the individual patient.

This module was organized by the Working group
**PULMONARY ONCOLOGY**

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Unrestricted educational grant

The Austrian Society of Pneumology is responsible for the content, quality and scientific integrity of this UEG scientific session and guarantees independence of commercial interests.
Friday, June 12th, 2009, 20:00
Social evening at the “Residenz Salzburg”

We cordially invite you to join us on Friday night to the Social Evening of the Austrian Society of Pneumology at the “Residenz Salzburg”. A string quartet will accompany us during the dinner. From 22.00 hrs on the cocktail bar and the dance floor will be open.

The awarding of the NYCOMED Travel Grants for the ATS meeting in San Diego 2009, of the GSK Travel Grants to the ERS conference in Vienna 2009, as well as the ASP Poster Awards, with support of the Gold Sponsors, will take place during the evening in addition to the VIVISOL Charity Prize.

We wish you an enjoyable evening and look forward to welcome you at the Residenz Salzburg

Yours, O. C. Burghuber
Chair: Karin Vonbank, Wien
Marie Breyer, Wien

- Alfred Lichtenschopf: Update - pulmonary rehabilitation
- Thierry Troosters: Outpatient pulmonary rehabilitation – the European perspective
- Rudolf Müller: Outpatient pulmonary rehabilitation - medical, social and political aspects

Target audience: medical doctors, medical doctors in training, medical doctors with private practice, physiotherapists, sports scientists

Objective: The audience will get to know different models of inpatient and outpatient pulmonary rehabilitation in Europe. The situation of outpatient rehabilitation in Austria will be discussed from the viewpoint of physicians and costs.

This module was organized by the working group
PULMONARY REHABILITATION AND SMOKING CESSATION

Chair: Gert Wurzinger, Graz
Eveline Kink, Graz

- Rolf Ziesche: Update - Interstitial lung disease
- Maximilian Zach: Update - Pediatric lung disease
- Erich Minar: Update – Pulmonary embolism

Target audience: Everyone interested in recent developments in clinical pneumology

Objective: The session is intended to convey a concise summary of recent developments in clinical pneumology. The practical consequences of recent publications are discussed.

This module was organized by the working group
INTERSTITIAL AND ORPHAN LUNG DISEASES, PEDIATRIC PNEUMOLOGY AND PULMONARY CIRCULATION
Saturday, June 13, 2009 – 8:30 – 10:00
New developments in the understanding of pulmonary arterial hypertension (PAH)

Chair: Meinhard Kneussl, Wien
Nika Skoro-Sajer, Wien

- Irene Lang: **Early therapy in PAH**
- Diana Bonderman: **New diagnostic approaches in PAH**
- Horst Olschewski: **Recent advances in combination therapy**

Target audience: pneumologists, internists, cardiologists

Objective: At the end of the session the participants will be updated on new diagnostic methods and latest treatment of pulmonary hypertension.

This module was organized by the Working group **PULMONARY CIRCULATION**

Unrestricted educational grant

The Austrian Society of Pneumology is responsible for the content, quality and scientific integrity of this UEG scientific session and guarantees independence of commercial interests.
Saturday, June 13, 2009 – 10:30 – 12:00
Co-morbidities in COPD II

Chair: Josef Riedler, Schwarzach
Roberto Rodríguez-Roisin, Barcelona

• William MacNee: Accelerated aging in COPD?
• Leonardo Fabbri: The chronic systemic inflammatory syndrome
• Neveen A. T. Hamdy: Osteoporosis in COPD – not just corticosteroid-induced

Target audience: all medical doctors, medical doctors in training, medical doctors with private practice, interested in COPD

Objective: COPD is now considered a multi-component disease and attention has focused on the role of co-morbidities as part of the natural history of the disease process. Cardiovascular morbidity, lung cancer, metabolic disorders, changes in body composition (cachexia, skeletal muscle wasting) and osteoporosis are the most common reported co-morbidities in COPD. They most likely contribute to disease severity of patients with COPD. This session will provide insights into etiology, pathogenesis, prevalence and potential therapeutic options for extra pulmonary co-morbid conditions to optimally manage patients suffering from COPD.

This module was organized by the congress organizing committee
Chair: Bernhard Forstner, Linz
Martin Flicker, Leoben

• Robert Krause: **Antibiotic-associated diarrhea**
• Gernot Zollner: **Hepatic side effects of antibiotic therapies**
• Oskar Janata: **Renal side effects of antibiotic therapies**

Target audience: medical doctors, medical doctors in training, medical doctors with private practice

Objective: At the end of the session the audience will know more about relevant side effects of antibiotic therapies, i.e. antibiotic associated diarrhea, hepatic and renal side effects

This module was organized by the working group **INFECTIOUS DISEASES AND TB**
Saturday, June 13, 2009 – 10:30 – 12:00
Travelling abroad with respiratory disease

Chair: Florin D. Mihaltan, Bukarest
Irmgard Homeier, Wien

- Werner Schlick: **Himalaya and the Andes – can we let our patients go up there?**
- Bernhard Forstner: **Air travelling with lung disease**
- Gert Wurzinger: **Underwater fun for patients with lung disease**

Target audience: pneumologists, internists, general practitioners

Objective: Travelling implies rapid, often too rapid changes in ambient pressures for patients with respiratory diseases. Consequences and dangers of travelling for these patients will be discussed in the context of altitude and depth - mountaineering, air travel and scuba diving.

This module was organized by the working group **ENVIRONMENTAL AND OCCUPATIONAL MEDICINE AND TOBACCO RESTRICTION**

Saturday, June 13, 2009 – 12:00 – 13:30
General Assembly of the ASP

Saturday, June 13, 2009 – 13:30 – 15:00
Grand Round – Case of the Year

Chair: Otto C. Burghuber, Wien
Michael Studnicka, Salzburg
Abstracts – ASP Poster Award Candidates

Sorted by first author

P01. Pulmonary resections for malignancy in patients with severely compromised lung functions
Dept. of Cardio-Thoracic Surgery, Medical University of Vienna

P02. Tolerability of inhalative N-chlorotaurine in the pig model
R. Arnitz¹, A. Pinna², R. Geiger³, B. Treml⁴, C. Sergi°, A. Löckinger⁴, M. Nagl²
(¹)Departement of Pulmology, General Hospital Vöcklabruck, Vöcklabruck, Austria; (²)Departement of Hygiene, Microbiology and Social Medicine, Innsbruck Medical University, Innsbruck, Austria; (³)Departement of Pediatrics, Division of Cardiology, Pulmology, Allergology and Cystic Fibrosis, Innsbruck Medical University, Innsbruck, Austria; (⁴)Departement of Anaesthesiology and Critical Care Medicine, Innsbruck Medical University; (°)Institute of Pathology, Innsbruck Medical University, Austria

P03. Compounds detected in exhaled breath of lung cancer patients
A. Bajtarevic¹/²/³, H. Jamnig³, H. Denz³, M. Fieg³, W. Hilbe⁴, P. Lukas⁵, M. Ligor¹/², T. Ligor¹/², K. Schwarz¹/², C. Ager¹/², M. Pienz¹/², M. Klieber¹/², A. Amann¹/²
P04. Alteration of temporal calcium signalling in human pulmonary artery endothelial cells by double-stranded RNA
Z. Bálint1/2, D. Zabini1, V. Kónya3, W. F. Graier4, K. T. Preissner5, A. Heinemann3, H. Olschewski2/6, A. Olschewski1/2
(1)University Clinic of Anaesthesia and Intensive Care Medicine, (2)Lung Cell Laboratory, (3)Institute of Experimental and Clinical Pharmacology, (4)Institute of Molecular Biology and Biochemistry, Medical University of Graz, Graz, Austria; (5)Department of Biochemistry, Justus-Liebig-University Giessen, Giessen, Germany; 6Department of Internal Medicine and, Medical University of Graz, Graz, Austria

P05. Exercise capacity and pulmonary artery pressure-flow relations in patients after successful pulmonary endarterectomy
D. Bonderman, A.M. Martischnig, K. Vonbank1, M. Nikfardjam, B. Meier, G. Heinz, R. Naejie2, I. M. Lang
From the Medical University of Vienna, Departments of Cardiology and (1)Pneumonology, Vienna, Austria and (2)the Erasme University Hospital, Department of Pathophysiology, Brussels, Belgium

P06. Incidence and outcome of weaning from mechanical ventilation according to the new consensus categories
G.C. Funk1, S. Anders1, M.K. Breyer1, O.C. Burghuber1, G. Edelmann2, W. Heindl1, G. Hinterholzer3, R. Kohansal1, R. Schuster4, A. Schwarzmaier-D’Assie5, A. Valentin5, S. Hartl1
(1) Department of Respiratory and Critical Care Medicine and Ludwig Boltzmann Institute for COPD, Otto-Wagner Hospital, Vienna, Austria; (2) Department for Anesthesia and Intensive Care Medicine, Krankenanstalt Rudolfstiftung, Vienna Austria; (3) I. Medical Department, Sozialmedizinisches Zentrum Süd - Kaiser-Franz-Josef-Spital, Vienna, Austria; (4) I. Medical Department, Sozialmedizinisches Zentrum Ost - Donaupital, Vienna, Austria; (5) II. Medical Department, Krankenanstalt Rudolfstiftung, Vienna Austria.
P07. Respiratory symptoms and lung function in adult asthmatic subjects exposed to environmental tobacco smoke (ETS) - Results of a pilot study in Salzburg
F. Grabcanovic¹, R. Mikes¹, B. Lamprecht¹, U. Pichler², H. Mair², M. Gaisberger², R. Sanovic², A. Hartl², M. Studnicka¹
(¹Department of Pulmonary Medicine, Paracelsus Medical University, Salzburg, Austria; (²Institute of Physiology and Pathophysiology, Translational Immune Research, Paracelsus Medical University, Salzburg, Austria

P08. A two hour sedimentation of pleural effusion improves the diagnostic yield in patients with suspected malignancy
Department of Respiratory and Critical Care Medicine, Otto Wagner Hospital, Vienna

P09. Molecular characterization of human malignant pleural mesothelioma cell lines: impact on response to systemic treatment approaches
M.A. Hoda¹, P.Heffeter², U. Jungwirth², C.Pirker², M. Miksche², A. Scheed², W.Klepetko¹, W.Berger²
(¹Division. of Cardio-Thoracic Surgery, Department of Surgery, Medical University of Vienna, (²Institute of Cancer Research, Department of Medicine I, Medical University Vienna

P10. Are blood gas parameters after awaking influenced by nocturnal sleep apnea?
A. Huber, M. Mandl, J. Egarter, H. Schinko
Pneumologie, Allgemeines Krankenhaus Linz

P11. Early development of pulmonary vasculopathy in scleroderma patients without manifest pulmonary arterial hypertension. A follow-up study
G. Kovacs¹, R. Maier¹, E. Aberer¹, M. Brodmann¹, W. Graninger¹, S. Scheidl¹, C. Hesse¹, N. Troester¹, E. Grünig², H. Olschewski¹
(¹Medical University of Graz, (²University of Heidelberg, Germany
P12. Endothelin-1 activates pro-inflammatory signalling pathways via distinct p38MAPK isoforms resulting in downregulation of nuclear p27kip1
C. Lambers¹, M. Roth², B. Burian¹, P. Binder¹, E. Hofbauer¹, K. Vonbank¹, L.H. Block¹
¹Internal Medicine II/ Dept. Resp. Medicine, Medical University Vienna, Vienna, Austria, ²Dept. Biomedicine, Pulmonary Cell Research, University Hospital Basel, Basel, Switzerland

P13. Non-reversible airways obstruction, associated co-morbidities and correlation with the BOD-Index
B. Lamprecht¹, L. Schirmhofer¹, B. Kaiser¹, S. Buist², M. Studnicka¹
¹Department of Pulmonary Medicine, Paracelsus Medical University, Salzburg, Austria., ²Department of Pulmonary and Critical Care Medicine, Oregon Health and Science University,

P14. Gender-related differences in non-reversible Airways Obstruction - Results from the Austrian Burden of Obstructive Lung Disease (BOLD) study
B. Lamprecht¹, L. Schirmhofer¹, B. Kaiser¹, S. Buist², M. Studnicka¹
¹Department of Pulmonary Medicine, Paracelsus Medical University, Salzburg, Austria., ²Department of Pulmonary and Critical Care Medicine, Oregon Health and Science University,

P15. Reversibility of airways obstruction in COPD - Results from the Austrian Burden of Obstructive Lung Disease (BOLD) Study
B. Lamprecht¹, I. Steinacher¹, L. Schirmhofer¹, B. Kaiser¹, S. Buist², M. Studnicka¹
¹Department of Pulmonary Medicine, Paracelsus Medical University, Salzburg, Austria., ²Department of Pulmonary and Critical Care Medicine, Oregon Health and Science University, Portland, OR, USA.
(1) Division of Pulmonology, Department of Internal Medicine, Medical University of Graz, Austria, (2) Institute of Pathology, Medical University of Graz, Austria, (3) Department of Thoracic and Hyperbaric Surgery, Medical University of Graz, Austria, (4) Experimental Anesthesiology, University Clinic for Anesthesiology and Intensive Care Medicine, Medical University of Graz, Austria, (5) Lung Cell Laboratory, Medical University of Graz, Austria

P17. Success rate of smoking cessation at the end of an inpatient rehab program and after one year at 13 rehabilitation centers of the Austrian PVA in 2008
A. Lichtenschopf, R. Müller, W. Kullich et al
Ärztlicher Leiter der SKA der PVA Weyer/Enns

A. Lichtenschopf1, K. Rumethofer2
(1) Ärztlicher Leiter der SKA der PVA Weyer/Enns, (2) Otto-Wagner-Spital Wien, I. Interne Lungenabteilung

P19. Varenicline for smoking cessation in a rehabilitation center for pneumologic diseases
A. Lichtenschopf
Ärztlicher Leiter der SKA der PVA Weyer/Enns

P20. Diagnosis and Misdiagnosis of COPD in the Primary Care Setting – Results from the Austrian Burden of Obstructive Lung Disease (BOLD) Study
A. Mahringer1, B. Lamprecht1, B. Kaiser1, M. Studnicka1
(1) Department of Pulmonary Medicine, Paracelsus Medical University, Salzburg, Austria
P21. A simple non-invasive diagnostic algorithm for pulmonary hypertension
A. M. Martischnig, P. Wexberg, H. Heinzl, R. Sadushi, C. Adlbrecth, N. Skoro-Sajer, I. M. Lang, D. Bonderman
From the Departments of Cardiology and the (1)Core Unit for Medical Statistics and Informatics, Medical University of Vienna, Austria

P22. P(a-et)CO2 at maximum exercise for early detection of pulmonary involvement in patients with sarcoidosis
B.A. Marzluf, K. Vonbank, B. Robibaro, B. Burian, C. Lambers, V. Petkov, P. Haber, L.-H. Block
Department of Medicine II, Pulmonary Division, Medical University of Vienna

P23. A role for PECAM-1 in Venous Thrombus Resolution
(1)Medical University of Vienna, Department of Internal Medicine II, Division of Cardiology (2)Medical University of Vienna, Department of Dermatology

P24. Abnormal phospholipid profiles in misguided thrombus resolution after splenectomy
Department of Cardiology, Medical University of Vienna

P25. MDR-TB at the 1. Interal pulmonary department of the Otto Wagner Hospital Vienna 2006-2008
M. Rowhani, R. Rumetshofer
Department of Respiratory and Critical Care Medicine, Otto-Wagner-Hospital, Vienna, Austria

P26. Sleep disordered breathing and cardiac performance indices in patients with stable chronic heart failure
M. Ruis, O.C. Burghuber, A. Valipour for the Vienna Sleep and Heart Failure Study Group
Department of Respiratory and Critical Care Medicine and Ludwig Boltzmann Institute for COPD, Otto-Wagner-Hospital, Vienna, Austria
P27. Difficulty in initiating and maintaining sleep in patients with stable mild to moderate chronic obstructive pulmonary disease
M. Ruis, H. Rauscher, O.C. Burghuber, A. Valipour
Department of Respiratory and Critical Care Medicine and Ludwig Boltzmann Institute for COPD, Otto-Wagner-Hospital, Vienna, Austria

P28. Bronchiolitis obliterans in haematopoetic stem cell transplantation following non-myeloablative conditioning
S. Scheidl¹, G. Kovacs¹, W. Zinke-Cerwenka², H. Olschewski¹
(¹)Department of Pulmonology, (²)Department of Haematology, Medical University Graz, Austria

H. Schinko¹, P. Sevelda²
(¹)Krebshilfe Oberösterreich und Pneumologie, AKH Linz, (²)Österreichische Krebshilfe, Wien

H.A. Schniko¹, P. Flink²
(¹)Krebshilfe Oberösterreich und Pneumologie, AKH Linz, (²)Krebshilfe Oberösterreich

P31. The impact of immediate postoperative pulmonary vascular resistance on survival in patients with chronic thromboembolic pulmonary hypertension
N. Skoro-Sajer, N. Hack, R. Sadushi-Kolici, D. Bonderman, W. Klepetko,
J. Jakowitsch, M.A.R. Hoda, M. Kneussl, I.M. Lang
Department of Cardiology, Medical University of Vienna
P32. Formula for predicting mean pulmonary arterial pressure using systolic pulmonary arterial pressure in chronic thromboembolic pulmonary hypertension
Department of Cardiology, Medical University of Vienna

P33. The Veres-method and transcutaneous CO2-monitoring during supraglottic high-frequency jet ventilation with laryngeal mask airway for interventional bronchoscopy
K. Slavei¹, J. Veres², P. Errhalt²
(¹)Abteilung für Anästhesie, Intensivmedizin und Notfallmedizin Landesklinikum Krems an der Donau, Austria,
(²)Abteilung für Pneumologie Landesklinikum Krems an der Donau, Austria

P34. Effect of bilevel ventilation on respiratory capacity in various diseases
N. Tröster, S. Scheidl, M. Dominco, R. Wurm, G. Kovacs, H. Olschewski, M. Becker
Department of Pulmonology, Medical University Graz, Austria

P35. Endothelial dysfunction and systemic inflammation in stable and exacerbated patients with COPD
M. Urban, L. Cekici, G.C. Funk, A. Valipour, O.C. Burghuber
Department of Respiratory and Critical Care Medicine and Ludwig Boltzmann Institute for COPD, Otto-Wagner-Hospital, Vienna, Austria
P36. Severe infection of the lung, pleura, and chest wall by the zygomycete *Rhizopus oryzae*
T. Valentin¹, P. Neumeister², R. Brezinschek², W. Buzina³, I. Zollner-Schwetz¹, R. Krause¹
(¹)Infektiologie, Klinische Abteilung für Pulmonologie, Universitätsklinik für Innere Medizin (UKIM), LKH Universitäts-Klinikum Graz, (²)Klinische Abteilung für Hämatologie, Universitätsklinik für Innere Medizin (UKIM), LKH Universitäts-Klinikum Graz, (³)Bakteriologie und Mykologie, Institut für Hygiene, Mikrobiologie und Umweltmedizin, Medizinische Universität Graz

P37. Management of asthma by a fixed combination of beclomethason and formoterol: control of symptoms and pulmonary function
R. Voves
Feldbach, Austria

P38. Size reduced lung transplantation – 9 years of experience by a single centre
Herz-Thorax Chirurgie, AKH Wien

P39. Double-stranded RNA affects the TRPC channel expression in human pulmonary artery endothelial cells
D. Zabini¹, Z. Bálint¹/², W.F. Graier ³, A. Hrzenjak ²/⁴, H. Olschewski ²/⁴, A. Olschewski ¹/²
(¹)University Clinic of Anaesthesia and Intensive Care Medicine, (²)Lung Cell Laboratory, (³)Institute of Molecular Biology and Biochemistry, (⁴)Department of Internal Medicine, Division of Pulmonology

P40. Limitations of immune-based diagnostics in patients suspected for pulmonary tuberculosis
R.H. Zwick¹, J. Nemeth², H.M. Winkler², R. Rumetshofer¹, O.C. Burghuber¹, W. Graninger², S. Winkler²
(¹)Department of Respiratory and Critical Care Medicine, Otto-Wagner-Hospital, Vienna, Austria
(²)Department of Medicine I, Division of Infectious Diseases and Tropical Medicine, Medical University of Vienna, Vienna, Austria
Abstracts – Case of the Year

Sorted by first author

F1. Management einer Ösophago-bronchialen Fistel bei hochmalignem Non-Hodgkin-Lymphom
R. Arnitz¹, K. Wilthoner², K. Hittmair³, B. Goppold-Lobsdorf², B. Baumgartner¹
(¹)Pneumologische Abteilung, LKH Vöcklabruck,  (²)Interne Abteilung, LKH Vöcklabruck,  (³)Radiologisches Institut, LKH Vöcklabruck

F2. Das „acute chest syndrome“ im Rahmen einer Sichelzellanämie
R. Bauer
LKH Krems, Pneumologie

F3. Rezidivierende Pneumonien - Röntgeninvisible Raumforderung
H. Feizelmeier
Klinikum Wels Grieskirchen, Lungenabteilung

F4. Respiratorisches Versagen einer 18-jährigen Patientin mit Niereninsuffizienz: pulmorenal oder renopulmonal?
C. Imlinger, M. Lobendanz, M. Studnicka
Pneumologie, Paracelsus-Universität Salzburg

F5. Pneumothorax bei einer 43-jährigen Frau
E. Kaufmann, W. Auer
Abteilung für Lungenkrankheiten, Landeskrankenhaus Leoben/ Eisenerz, Steiermark, Österreich

F6. Chronischer Husten und Trachealstenose
L. Koch, A. Sensoy, U. Gruber, T. Jenny, S. Müller, P. Cerkl, J. Rothmund
Pulmologie, LKH Hohenems

F7. Die Leiden des jungen W.
U. Koller, S. Hummer
Landesklinikum Thermenregion Hochegg, Abteilung für Pulmologie
F8. Morbus Castleman: selten – oder nur selten erkannt?
G. Kos, F. Lafleur, K. Aigner
Pneumologie, Krankenhaus der Elisabethinen Linz

F9. Seltener blutender Trachealtumor - mediastinales Angiosarkom (Case Report)
P. Lüth, H. Jamnig, A. Gschwendtner, C. Geltner
LKH Natters, Pneumologie

F10. Pulmonale Amyloidose bei SLE und MGUS
B. A. Marzluf¹, J. Grisar², M.-T. Krauth³, P. Schellongowski⁴, J. Drach⁵, A. Soleiman⁶, K. Vonbank¹,
B. Robibaro¹
¹Univ.-Klinik für Innere Medizin II, Klinische Abteilung für Pulmologie,
²Univ.-Klinik für Innere Medizin III, Klinische Abteilung für Rheumatologie,
³Univ.-Klinik für Innere Medizin I, Klinische Abteilung für Hämatologie & Hämostaseologie,
⁴Univ.-Klinik für Innere Medizin I, Intensivstation 13i2,
⁵Univ.-Klinik für Innere Medizin I, Klinische Abteilung für Onkologie,
⁶Klinisches Institut für Pathologie, Allgemeines Krankenhaus Wien, Medizinische Universität Wien

F11. Vermeidung der nicht-invasiven Beatmung bei einem Patienten mit idiopathischer bilateraler Phrenicusparese - Effekte des inspiratorischen Atemmuskelttrainings
M. Petrovic¹, H. Lahrmann², W. Pohl¹, T. Wanke¹
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²Neurologische Abteilung, SMZ Süd

F12. Grillen – eine neue Berufskrankheit?
M. Riedler, K. Weiglein, H. Schinko
Pneumologie, Allgemeines Krankenhaus LINZ

F13. Seltene Differenzialdiagnose Pulmonaler Infiltrate: Intravasculäres Lymphom
O. Schindler
Pulmologisches Zentrum Enzenbach, LKH Hörgas-Enzenbach,
Pulmologische Tagesklinik, LKH Graz-West
F14. Mikroskopische Polyangitis beim Kleinkind
C. Seelbach, F. Baumgartner, J. Riedler
Kinder- und Jugendspital Schwarzach

F15. A case of easily cured pulmonary hypertension
N. Troester, G. Kovács, M. Becker, S. Scheidl, H. Olschewski
Department of Pulmonology, Medical University Graz

R. Zwick¹, M. Müller², J. Attems³, O.C.Burghuber¹
¹I.Interne Lungenabteilung, ²Thoraxchirurgie,³Pathologie
Otto Wagner Spital Wien, Österreich

F17. beidseitige Pleuraergüsse bei Rosai-Dorfmann Syndrom und serologischem Verdacht auf Lupus erythematodes.
F. Wantke, Wilhelminenspital, Wien

Fachkurzinformationen zu Seite 38
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Entire Meeting</td>
</tr>
<tr>
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</tr>
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<td>Non-Members</td>
<td>€ 255,–</td>
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<tr>
<td>Medical Doctor in training:</td>
<td></td>
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<tr>
<td>ÖGP-Members</td>
<td>€ 100,–</td>
</tr>
<tr>
<td>Non-Members</td>
<td>€ 165,–</td>
</tr>
<tr>
<td>Medical Doctor retired:</td>
<td></td>
</tr>
<tr>
<td>ÖGP-Members</td>
<td>€ 70,–</td>
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<tr>
<td>Non-Members</td>
<td>€ 145,–</td>
</tr>
<tr>
<td>Non-medical Personnel:</td>
<td></td>
</tr>
<tr>
<td>ÖGP-Members</td>
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</tr>
<tr>
<td>Non-Members</td>
<td>€ 85,–</td>
</tr>
<tr>
<td>Workshop: Nursing process in COPD:</td>
<td>€ 20,–</td>
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