

# **East-Central European Conference of Pulmonology**

## **Final Programme**

12<sup>th</sup> -13<sup>th</sup> May 2017

Hotel Palatinus, Pécs, Hungary

The Organisers would like to express their gratitude towards their partners



**BERLIN-CHEMIE**  
**MENARINI**



**Bristol-Myers Squibb**



**Boehringer**  
**Ingelheim**

**Chiesi**

*Lilly*



**NOVARTIS**

# CONFERENCE INFORMATION

## Organisers

**Gábor Kovács**

*President of the Conference*

**Veronika Sárosi**

*President of the Local Organising Committee*

**Zoltán Balikó**

*President of the Scientific Committee*

## Conference Secretariat

Weco Travel Ltd.

Address: H-1053 Budapest, Szép utca 2, 9<sup>th</sup> floor

Telephone: +36 1 266 7032

Email: [mtt@wecotravel.hu](mailto:mtt@wecotravel.hu)

## Venue

Hotel Palatinus City Center \*\*\* (H-7621 Pécs, Király utca 5.)

## Registration desk opening hours

The Registration Desk - where registrants may pick up their conference materials - is operating in the lobby of the hotel

12<sup>th</sup> May (Friday)                      08:00 – 18:00

13<sup>th</sup> May (Saturday)                    08:00 – 13:00

## Sessions

All sessions will take place in Bartók Room. Presenters are kindly requested to upload their presentations during the breaks at the technician's desk in Bartók Room.

## Poster presentations

Poster session will take place in Bartók Room. Authors of posters are kindly requested to stay at their poster during the poster section. Posters must be mounted until 8.45 on Friday, 12th May. Please remove your poster until 14:00 on 13th May.

## Certificate of Attendance

A Certificate of Attendance can be obtained upon request at the Registration Desk. Please submit your request before Saturday, 13<sup>th</sup> May 2017.

## PROGRAMME OVERVIEW

	<b>12<sup>th</sup> May, Friday</b>	<b>13<sup>th</sup> May, Saturday</b>
	Registration	Registration
09.00	<b>Opening Ceremony</b> <i>Gábor Kovács</i> President of the Hungarian Respiratory Society	<b>Lung Cancer</b> <i>Chairs: Ruxandra Ulmeanu, Krisztina Bogos</i>
09.10	<b>COPD</b> <i>Chairs: Nadja Triller, Gábor Kovács</i>	
09.55	<b>Dilemmas and solutions in the treatment of COPD</b> <i>Scientific symposium sponsored by Chiesi</i>	
10.25	<i>Coffee Break</i>	
10.30	<i>Coffee Break</i>	
10.45	<b>State of the art management of asthma</b> <i>Scientific symposium sponsored by Chiesi</i>	<i>Coffee Break</i>
11.00	<b>Asthma</b> <i>Chairs: Sabina Škr gat, Ildikó Horváth</i>	<b>BMS Immuno-oncology symposia</b> <i>Chair: Lilla Tamási</i>
11.15	<b>Varia I.</b> <i>Chairs: Dragana Jovanovic, György Losonczy</i>	<b>Poster Session II.</b> <i>Chair: Edit Csada, Zsolt Pápai-Székelly, Sabina Škr gat, Csaba Böcskei</i>
11.45	<b>Varia II.</b> <i>Chairs: Davor Plavec, László Brugós</i>	<b>Poster Session I.</b> <i>Chairs: Sanja Popovic Grle, János Tamás Varga, Florin Mihaltan, Zsuzsanna Csoma, Neven Miculinic, Veronika Müller</i>
12.00	<b>Berlin-Chemie symposium</b> <i>Chair: Zoltán Balikó</i>	<b>Closing Ceremony</b>
13.00	<i>Lunch</i>	<i>Lunch</i>
13.15	<i>Lunch</i>	<i>Lunch</i>
13.30	<i>Lunch</i>	<i>Lunch</i>
14.00	<b>Poster Session I.</b> <i>Chairs: Sanja Popovic Grle, János Tamás Varga, Florin Mihaltan, Zsuzsanna Csoma, Neven Miculinic, Veronika Müller</i>	
15.15	<b>Poster Session II.</b> <i>Chairs: Edit Csada, Zsolt Pápai-Székelly, Sabina Škr gat, Csaba Böcskei</i>	
15.45	<i>Coffee Break</i>	
16.00	<b>Closing Ceremony</b>	
18.00	<i>Lunch</i>	
18.30	<i>Dinner</i>	

# SCIENTIFIC PROGRAMME

Friday, 12th May 2017

- 09.00 – 09.10**      **Opening ceremony - Gábor Kovács**  
*President of the Hungarian Respiratory Society*
- 09.10 – 09.55**      **COPD**  
*Chairs: Nadja Triller, Gábor Kovács*
- 09.10 – 09.25**      **Cognitive and balance impairment in Chronic Obstructive Pulmonary Disease**  
Cristian Oancea<sup>1</sup>, Emanuela Tudorache<sup>1</sup>, Bogdan Timar<sup>2</sup>, Voicu Tudorache<sup>1</sup>  
<sup>1</sup>*Department of Pulmonology, University of Medicine and Pharmacy, Timisoara, Romania* <sup>2</sup> *Department of Internal Medicine, "Victor Babes" University of Medicine and Pharmacy, Timisoara, Romania*
- 09.25 – 09.40**      **Short-term effects of outpatient rehabilitation programme of COPD patients in Medical Centre Murska Sobota**  
Marko Smodiš<sup>1</sup>, Nadja Triller<sup>1</sup>  
<sup>1</sup>*Medical Centre Murska Sobota, Dept. of Pulmonary Diseases and Allergy*
- 09.40 – 09.55**      **Echo and reactions of tobacco industry after introduction of new Romanian anti-tobacco law**  
Florin Mihaltan<sup>1</sup>  
<sup>1</sup>*National Institute of Pneumology M. Nasta-Bucharest, Romania*
- 09.55 – 10.25**      **Dilemmas and solutions in the treatment of COPD**  
*Scientific symposium sponsored by Chiesi*
- 10.25 – 10.45**      *Coffee break*
- 10.45 – 11.15**      **State of the art management of asthma**  
*Scientific symposium sponsored by Chiesi*
- 11.15 – 12.00**      **Asthma**  
*Chairs: Sabina Škr gat, Ildikó Horváth*

- 11.15 – 11.30**      **Factors influencing the selection of biological therapy in severe asthma**  
Sanja Popovic-Grle<sup>1</sup>  
*<sup>1</sup>University Hospital Centre Zagreb, Clinical Department for Lung Diseases Jordanovac, Zagreb, Croatia, University of Zagreb School of Medicine*
- 11.30 – 11.45**      **Systemic and airways oxidative stress and Th2/Th1 immunological shift in competitive swimmers training in indoor chlorinated swimming pools**  
Robert Marcun<sup>1</sup>, Peter Korošec<sup>1</sup>, Silar Mira<sup>1</sup>, Izidor Kern<sup>1</sup>, Matjaž Fležar<sup>1</sup>, Sabina Škrgat<sup>1</sup>  
*<sup>1</sup>University Clinic of Respiratory and Allergic Diseases Golnik, Slovenia*
- 11.45 – 12.00**      **Severe asthma, treatment options**  
Zsuzsanna Csoma<sup>1</sup>  
*<sup>1</sup>National Koranyi Institute for Pulmonology, Budapest, Hungary*
- 12.00 – 13.00**      **Varia I.**  
*Chairs: Dragana Jovanovic, György Losonczy*
- 12.00 – 12.15**      **Similarities between IPF and Lung Cancer**  
Dragana Jovanovic<sup>1</sup>  
*<sup>1</sup>University Hospital of Pulmonology, Clinical Center of Serbia, Belgrade, Serbia*
- 12.15 – 12.30**      **Challenges in the differential diagnosis of granulomatous lung diseases**  
Snezana Djordjevic<sup>1</sup>, Tatjana Pejcić<sup>1,2</sup>, Ivana Stankovic<sup>1,2</sup>, Milan Radovic<sup>1,2</sup>  
*<sup>1</sup>Clinic for lung diseases, Clinical Centre Nis, Serbia; <sup>2</sup>Faculty of Medicine, University of Nis, Serbia*
- 12.30 – 12.45**      **New Therapeutical approaches in Pulmonary Arterial Hypertension (PAH)**  
Dragos Cosmin Zaharia<sup>1</sup>, Miron Alexandru Bogdan<sup>1</sup>  
*<sup>1</sup>Carol Davila University of Medicine and Pharmacy, Bucharest, Romania*
- 12.45 – 13.00**      **The role of the complement system in the pathomechanism of obstructive sleep apnea syndrome**

Péter Horváth, Zsófia Lázár, Rita Puskás, Gabriella Gálffy, György Losonczy, László Kunos, András Bikov  
*Department of Pulmonology, Semmelweis University, Budapest, Hungary*

13.00 – 14.00

Lunch break

14.00 – 15.15

**Varia II.**

*Chairs: Davor Plavec, László Brugós*

14.00 – 14.15

**Pulmonary alveolar proteinosis and tuberculosis – association or possible complication**

Ariadna Petronela Fildan<sup>1</sup>, Elena Dantes<sup>2</sup>, Doina Tofolean<sup>1</sup>

<sup>1</sup>*Department of Internal Medicine, Faculty of Medicine, “Ovidius” University, Constanta, Romania;* <sup>2</sup>*Department of Pneumophytisiology, Faculty of Medicine, “Ovidius” University, Constanta, Romania*

14.15 – 14.30

**Therapeutic lavage in alveolar proteinosis: can it be less aggressive?**

Jasna Tekavec-Trkanjec<sup>1</sup>, Jasna Bacalja<sup>2</sup>, Neven Tudoric<sup>1</sup>

<sup>1</sup>*Department of pulmonology, Dubrava University Hospital, Zagreb, Croatia,* <sup>2</sup>*Department of pathology, Dubrava University Hospital, Zagreb, Croatia*

14.30 – 14.45

**Clinical relevance of non-tuberculous mycobacteria - our experience in Clinic for Pulmonology, Clinical Center of Serbia**  
Vesna Škodrić Trifunović<sup>1</sup>, Dragana Jovanović<sup>1</sup>, Branislava Savić<sup>2</sup>, Dragana Vuković<sup>2</sup>, Bojana Luković<sup>3</sup>, Ivana Dakić<sup>2</sup>, Tatjana Adžić-Vukićević<sup>1</sup>

<sup>1</sup>*Clinic for Pulmonology, Clinical Center of Serbia, Belgrade, Medical School University of Belgrade, National Reference Laboratory for Tuberculosis,* <sup>2</sup>*Institute of Microbiology and Immunology, Faculty of Medicine, University of Belgrade,* <sup>3</sup>*Department of Microbiology, Clinical Center of Serbia, Belgrade, Serbia*

14.45 – 15.00

**Acinar and bronchial nitric oxide levels in stable and exacerbated COPD**

Zsófia Lázár, Ágnes Kelemen, György Losonczy, Gabriella Gálffy, András Bikov

*Department of Pulmonology, Semmelweis University, Budapest, Hungary*

**15.00 – 15.15**      **Brief Report from EMBARC ((European Multicentre Bronchiectasis Audit and Research Collaboration) and the role of inhaled antibiotics and macrolides in non CF bronchiectasis**

Sabina Škrgat<sup>1</sup>, Daša Naglič<sup>1</sup>

<sup>1</sup>*University Clinic of Respiratory Diseases Golnik, Slovenia*

**15.15 – 15.45**      **Berlin-Chemie symposium**

*Chair: Zoltán Balikó*

**GOLD 2017**

Ildikó Horváth

*National Koranyi Institute for Pulmonology, Budapest, Hungary*

**The Power of two: AFFIRM study**

Veronika Müller

*Pulmonology Clinic of Semmelweis University Budapest, Hungary*

15.45 – 16.00      *Coffee break*

**16.00 – 18.00**      **Poster session I.**

18.30                *Dinner*

**Friday, 12th May 2017**  
**16.00 – 18.00 Poster Session I.**

**COPD**

*Chair: Sanja Popovic Grle, János Tamás Varga*

**P1      Predicting future COPD in smokers at risk (MARKO study)**

Marina Labor<sup>1,2</sup>, Iva Jurić<sup>1</sup>, Ivan Gudelj<sup>3</sup>, Slavica Labor<sup>1,2</sup>, Žarko Vrbica<sup>4,5</sup>, Davor Plavec<sup>2,6</sup>

<sup>1</sup>*University Hospital Center Osijek, Osijek, Croatia;* <sup>2</sup>*Faculty of Medicine, J.J. Strossmayer University of Osijek, Osijek, Croatia;* <sup>3</sup>*University Hospital Center Split, Split, Croatia;* <sup>4</sup>*General Hospital Dubrovnik, Dubrovnik, Croatia;* <sup>5</sup>*University of Dubrovnik, Dubrovnik, Croatia;* <sup>6</sup>*Children's Hospital Srebrnjak, Zagreb, Croatia*



- P2 Inflammatory effects of extracellular Hsp70 in human bronchial epithelial NCI-H292 cell line**  
Andrea Hulina<sup>1</sup>, MarijaGrdić Rajković<sup>1</sup>,Sanja Popović-Grle<sup>2</sup>, Andrea Vukić Dugac<sup>2</sup>, Miroslav Samaržija<sup>2</sup>, Lada Rumora<sup>1</sup>  
<sup>1</sup>*Department of Medical Biochemistry and Haematology, Faculty of Pharmacy and Biochemistry, University of Zagreb, Zagreb, Croatia,* <sup>2</sup>*University Hospital Centre Zagreb, Clinical Department for Lung Diseases Jordanovac, Zagreb, Croatia*
- P3 Massive bullous panlobular emphysema with nodular lesion**  
Andreea Vladau<sup>1,2</sup>; Ruxandra Ulmeanu<sup>1,3</sup>  
<sup>1</sup>*National Institute of Pneumology 'Marius Nasta', Bucharest, Romania,* <sup>2</sup>*Hospital Clinic Sanador, Bucharest, Romania,* <sup>3</sup>*Faculty of Medicine, Oradea, Romania*
- P4 Romanian awareness campaign on World COPD Day 2016**  
Ramona Nedelcu<sup>1</sup>, Ruxandra Ulmeanu<sup>1</sup>, Florin Mihaltan<sup>2</sup>  
<sup>1</sup>*"Marius Nasta" Institute of Pneumology, Bucharest, Romania;* <sup>2</sup>*National Institute of Pneumology M. Nasta-Bucharest, Romania*
- P5 Prevalence and attitudes towards tobacco use among teenagers in foster care from Mures county, Romania**  
Corina Marginean<sup>1</sup>, Corina Eugenia Budin<sup>1,2</sup>, Cornel Radu-Loghin<sup>3</sup>, Doina Adina Todea<sup>2</sup>  
<sup>1</sup>*County Hospital Mures,TarguMures, Romania.*<sup>2</sup>*Iuliu Hateganu „University of Medicine and Pharmacy, Department of Pneumology, Cluj Napoca, Romania.*<sup>3</sup>*European Network for Smoking and Tobacco Prevention*
- P6 Physical activity in patients with chronic pulmonary diseases**  
Oancea Cristian<sup>1</sup>, Tudorache Emanuela<sup>1</sup>, Timar Bogdan<sup>1</sup>, Fira-Mladinescu Ovidiu<sup>1</sup>, Crisan Alexandru<sup>1</sup>, Tudorache Voicu<sup>1</sup>  
<sup>1</sup>*University of Medicine and Pharmacy Dr. "Victor Babes", Timisoara, Romania*

## Asthma

*Chair: Florin Mihaltan, Zsuzsanna Csoma*

- P7 Mood disorders in adult asthma phenotypes**  
Marina Labor<sup>1,2</sup>, Slavica Labor<sup>1,2</sup>, Iva Jurić<sup>1</sup>, Davor Plavec<sup>2,3</sup>, Sanja Popović Grle<sup>4</sup>  
<sup>1</sup>*University Hospital Center Osijek, Osijek, Croatia;* <sup>2</sup>*Faculty of Medicine, J.J. Strossmayer University of Osijek, Osijek, Croatia;* <sup>3</sup>*Children's Hospital*

*Srebrnjak, Zagreb, Croatia; <sup>4</sup>University Hospital Center Zagreb, Zagreb, Croatia*

**P8 Atopy in asthma and ABO genotype**

Marina Lampalo<sup>1</sup>, Nikola Ferara<sup>4</sup>, Irena Jukić<sup>2</sup>, Jasna Bingulac Popović<sup>3</sup>, Hana Safić Stanić<sup>3</sup>, Sanja Popović Grle<sup>1,4</sup>

*<sup>1</sup>Clinical Department for Lung Diseases Jordanovac, The University Hospital Centre Zagreb, Zagreb, Croatia; <sup>2</sup>Croatian Institute of Transfusion Medicine, Zagreb, Croatia; Faculty of Medicine, Josip Juraj Strossmayer University of Osijek, Osijek, Croatia; <sup>3</sup>Department of Molecular Diagnostics, Croatian Institute of Transfusion Medicine, Zagreb, Croatia; <sup>4</sup>University of Zagreb, School of Medicine, Šalata 3, Zagreb, Croatia*

**P9 Exercise induced bronchoconstriction or vocal cord dysfunction in elite competitive swimmer**

Robert Marcun, Peter Korosec, Aleš Rozman, Sabina Škr gat  
*University Clinic of Respiratory and Allergic Diseases, Golnik, Slovenia*

**P10 Increased rate of CD4+CD25+ regulatory T cells (Tregs) in severe asthma patients after bronchial thermoplasty (BT)**

Mateja Marc Malovrh, Aleš Rozman, Sabina Škr gat, Katja Adamič, Julij Šelb, Mira Šilar, Peter Korošec  
*University Clinic of Respiratory and Allergic Diseases Golnik, Slovenia*

**ILD**

*Chair: Neven Miculinic, Veronika Müller*

**P11 Diagnostic Confidence in ILD: The multidisciplinary meeting**

Daniel Trăilă, Emanuela Tudorache, Diana Manolescu, Ovidiu Fira-Mlădinescu, Cristian Oancea, Voicu Tudorache  
*Department of Pulmonology, University of Medicine and Pharmacy "Victor Babeş" Timişoara*

**P12 Interstitial Pneumonia with Autoimmune Features**

Tatjana Radjenovic Petkovic<sup>1</sup>, Tatjana Pejčić<sup>2</sup>, Desa Nastasijevic Borovac<sup>2</sup>, Ivana Stankovic<sup>2</sup>  
*<sup>1</sup>Center for medical biochemistry, immunology department, Clinical Center Nis, Serbia; <sup>2</sup>Clinic for lung disease, Clinical Center Nis, Serbia*

**P13 Current status of Sarcoidosis in Serbia**

Violeta Mihailović-Vučinić<sup>1,2</sup>, Spasoje Popević<sup>1,2</sup>, Jelica Videnović-Ivanov<sup>1</sup>, Snežana Filipović<sup>1</sup>, Mihailo Stjepanović<sup>1</sup>, Snežana Jovičić<sup>3</sup>, Zorica Šumarac<sup>3,4</sup>,

Dragana Šobić-Šaranović<sup>5</sup>, Branko Gvozdenović<sup>6</sup>, Vladimir Žugić<sup>1,2</sup>,  
Dragana Jovanović<sup>1,2</sup>

<sup>1</sup>University Hospital for Pulmonary Diseases, Clinical Center of Serbia, Belgrade, Serbia; <sup>2</sup>School of medicine, University of Belgrade, Serbia; <sup>3</sup>Center for Medical Biochemistry, Clinical Center of Serbia, Belgrade, Serbia; <sup>4</sup>Department of Medical Biochemistry, Faculty of Pharmacy, University of Belgrade, Serbia; <sup>5</sup>Center for Nuclear Medicine, Clinical Center of Serbia, Belgrade, Serbia; <sup>6</sup>Department of Clinical Management, PPD Serbia, Belgrade, Serbia

**P14 Lung transplantation in interstitial lung disease: Slovenian experience**

Matjaž Turel<sup>1</sup>, Matevž Harlander<sup>1</sup>

<sup>1</sup>University Medical Center Ljubljana, Slovenia, Dept. of Pulmonary Diseases and Allergy

**P15 Patients with IPF after 6 months of therapy with pirfenidone or nintedanib - our center experience**

Katarina Osolnik, Ana Kolenko

Clinic for respiratory and allergic diseases Golnik Slovenia, Slovenia

**P16 Similarities in inflammation patterns in peripheral lung tissue of advanced COPD and IPF patients**

Irena Šarc<sup>1</sup>, Mira Šilar<sup>1</sup>, Mitterbauer Andreas<sup>2</sup>, Matthias Zimmermann<sup>2</sup>, Hendrik J. Ankersmit<sup>2,3</sup>, Matjaž Fležar<sup>1</sup>, Peter Korošec<sup>1</sup>

<sup>1</sup>University Clinic of Respiratory and Allergic Diseases Golnik, Slovenia;

<sup>2</sup>Christian Doppler Laboratory for Cardiac and Thoracic Diagnosis and Regeneration, Vienna, Austria; <sup>3</sup>Division of Thoracic Surgery, Medical University of Vienna, Vienna, Austria

**P17 Atypical mycobacterial infections**

Petra Svetina<sup>1</sup>

<sup>1</sup>University Clinic of Respiratory and Allergic Diseases Golnik, Slovenia

**P18 Pulmonary arterial hypertension - Case report**

Ilija Andrijević<sup>1</sup>, Jovan Matijašević<sup>1</sup>, Senka Milutinović<sup>1</sup>, Ljiljana Andrijević<sup>2</sup>

<sup>1</sup>Institute for Pulmonary Diseases of Vojvodina, Sremska Kamenica, Serbia;

<sup>2</sup>Oncology Institute of Vojvodina, Sremska Kamenica, Serbia

## Saturday, 13th May 2017

09.00 – 10.30

### Lung cancer

*Chairs: Ruxandra Ulmeanu, Krisztina Bogos*

09.00 –09.15

### Digital model of cancer cell

Zarko Vrbica<sup>1</sup>, Marko Jakopovic<sup>2</sup>

<sup>1</sup>University of Dubrovnik, Dubrovnik, Croatia; <sup>2</sup>Univeristy of Zagreb, Zagreb, Croatia

09.15 –09.30

### Bronchoscopy for lung cancer in Romania - where are we?

Ruxandra Ulmeanu<sup>1</sup>

<sup>1</sup>"Marius Nasta" National Institute of Pulmonology, Bucharest; Faculty of Medicine, Oradea University of Medicine and Pharmacy, Romania

09.30 –09.45

### Lung Cancer trends in Serbia

Nevena Secen<sup>1</sup>, D. Sazdanic-Velikic<sup>1</sup>, Nensi Lalic<sup>1</sup>, M. Potic<sup>1</sup>, A. Jovicevic<sup>2</sup>

<sup>1</sup>Institute for pulmonary diseases of Vojvodina, Sremska Kamenica, Vojvodina, Serbia; <sup>2</sup>Institute for oncology and radiology of Serbia, Belgrade, Serbia

09.45 – 10.00

### New developments in endobronchial ultrasound trans-bronchial needle aspiration (EBUS-TBNA)

Mateja Marc Malovrh<sup>1</sup>

<sup>1</sup>University clinic of respiratory and allergic diseases Golnik, Slovenia

10.00 – 10.15

### Hyponatremia in patients with small cell lung cancer

Gábor Ádám, Regina Pálföldi, Klára Szalontai, Edit Csada, József Furák<sup>1</sup>, László Tiszlavicz<sup>2</sup>, Attila Somfay

<sup>1</sup>Departments of Pulmonology, Thoracic Surgery, Faculty of Medicine, University of Szeged, Hungary, <sup>2</sup>Departments of Pathology, Faculty of Medicine, University of Szeged, Hungary

10.15 – 10.30

### The use of a smartphone application for fast lung cancer risk assessment

Zalán Szántó<sup>1</sup>, Gábor Szalai<sup>1</sup>, László Jakab<sup>1</sup>, István Benkő<sup>1</sup>, András Vereczkei<sup>1</sup>

<sup>1</sup>Department of Surgery, University of Pécs, Pécs, Hungary

10.30 – 11.00 *Coffee break*

**11.00 –11.45** **BMS Immuno-oncology symposia**

*Chair: Lilla Tamási*

**Concept of Immunoncology in lung cancer treatment**

Mirjana Rajer

*Ljubljana, Slovenia*

**Croatian experience with nivolumab in metastatic NSCLC**

Marko Jakopovic

*Zagreb, Croatia*

**Local data from Named Patient Program in NSCLC**

Zoltán Balikó

*Pécs, Hungary*

**11.45 –13.15** **Poster session II.**

13.15 Closing ceremony

13.30 *Lunch*

**Saturday, 13th May 2017**  
**11.40 – 13.15 Poster session II.**

**Lung cancer**

*Chair: Edit Csada, Zsolt Pápai-Székely*

**P19** **How safe and justified is invasive diagnostic of lung tumours in elderly patients?**

Katja Adamič, Aleš Rozman, Maja Ferjan, Mateja Marc Malovrh

*University Clinic of Respiratory and Allergic Diseases Golnik, Slovenia*

**P20** **Clinical value of cytologic profile in induced sputum**

Sara Levart<sup>1</sup>

<sup>1</sup>*UKC Maribor, Depart. of Pulmonary diseases, Slovenia*

**P21** **Prognostic value of Beta Estrogen Receptor in Lung Adenocarcinoma**

Nensi Lalic<sup>1</sup>, Danica Sazdanic<sup>1</sup>, Nevena Secen<sup>1</sup>, Ilija Andrijevic<sup>2</sup>

<sup>1</sup>Department for thoracic oncology, Institute for pulmonary diseases of Vojvodina, Sremska Kamenica, Serbia <sup>2</sup>Department for chronic obstructive pulmonary diseases, CEO of Institute for pulmonary diseases of Vojvodina, Sremska Kamenica, Serbia

**P22 Influence of Body Mass Index and Weight Loss on Survival of Elderly Non-small Cell Lung Cancer Patients**

Danica Szadanić-Velikić<sup>1</sup>, Nensi Lalić<sup>1</sup>, Nevena Sečen<sup>1</sup>, Ilija Andrijević<sup>2</sup>

<sup>1</sup>Department for the diagnosis and therapy of lung cancer, Institute for pulmonary diseases of Vojvodina, Sremska Kamenica, <sup>2</sup>Department for chronic obstructive pulmonary diseases, CEO of Institute for pulmonary diseases of Vojvodina, Sremska Kamenica

**P23 Analysis of survival and prognostic factors in 250 operated Stage I-IIIa non small cell lung cancer patients – single institution experience**

Milan Savic<sup>1</sup>, Dragana Jovanovic<sup>2</sup>, Milica Kontic<sup>2</sup>, M. Laban<sup>2</sup>, Spasoje Popevic<sup>2</sup>, N. Atanasijadis<sup>1</sup>, D. Moskovljevic<sup>1</sup>, T. Eminovic<sup>1</sup>, Z. Garabinovic<sup>1</sup>, V. Milenkovic<sup>1</sup>, D. Subotic<sup>1</sup>

<sup>1</sup>Department of Thoracic Surgery, Clinical Center of Serbia, Belgrade, Serbia; <sup>2</sup>Department of Pulmonology, Clinical Center of Serbia, Belgrade; Serbia

**P24 Heart complications after lobectomy in patients with lung carcinoma**

Nada Vasic<sup>1</sup>, Dragana Jovanovic<sup>1,2</sup>, Verica Djukanovic<sup>1</sup>, Dajana Trifunovic<sup>1</sup>, Sanja Dimic-Janjic<sup>1</sup>

<sup>1</sup>Clinic for Pulmonary Diseases, Clinical center of Serbia Belgrade, Belgrade, Serbia, <sup>2</sup>Medical faculty Universitete of Belgrade, Belgrade, Serbia

**P25 Aberrant promoter methylation of ESR1 and CDH13 gene is an independent prognostic marker in surgically resected non-small cell lung cancer**

Milica Kontic<sup>1,2</sup>, Dragana Jovanovic<sup>1,2</sup>, Milan Savic<sup>2,3</sup>, Heather Nelson<sup>4</sup>, Simona Ognjanovic<sup>5</sup>

<sup>1</sup>Clinic for Pulmonology, Clinical Center of Serbia, Serbia; <sup>2</sup>School of Medicine, University of Belgrade, Serbia; <sup>3</sup>Clinic for Thoracic Surgery, Clinical Center of Serbia, Serbia; <sup>4</sup>Masonic Cancer Center, Division of Epidemiology and Community Health, University of Minnesota, USA; <sup>5</sup>Mayo Graduate School, Mayo Clinic, Rochester, USA

**P26 Cytology imprinting in comparison with classic histopathology in diagnosing intrathoracic neoplasms**

Alexandra-Ioana Diaconu<sup>1,2</sup>, Aneta Serbescu<sup>2</sup>, Ioan-Alexandru Diaconu<sup>1,3</sup>, Ruxandra Ulmeanu<sup>2,4</sup>, Daniela-Adriana Ion<sup>1</sup>

<sup>1</sup>*Carol Davila University of Medicine and Pharmacy, Bucharest, Romania;*  
<sup>2</sup>*Marius Nasta Institute of Pneumology, Bucharest, Romania;* <sup>3</sup>*Matei Bals National Institute of Infectious Diseases, Bucharest, Romania;* <sup>4</sup>*Faculty of Medicine and Pharmacy, Oradea, Romania*

**P27 Immunotherapy in lung cancer – a case report**

Tamás Kardos<sup>1</sup>

*Dept. of Pulmonology, University of Debrecen, Debrecen, Hungary*

**Rare lung diseases**

*Chair: Sabina Skrgat, Csaba Böcskei*

**P28 Alpha-1 antitrypsin deficiency screening in Romania: first four years**

Ana-Maria Zaharie<sup>1,2</sup>, Ruxandra Ulmeanu<sup>2,3</sup>, Florin Mihaltan<sup>1,2</sup>, Lavinia Davidescu<sup>3</sup>

<sup>1</sup>*“Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania;*  
<sup>2</sup>*“Marius Nasta” Institute of Pneumology, Bucharest, Romania;* <sup>3</sup>*The Faculty of Medicine of the University of Oradea, Romania*

**P29 A rare association: a case study of Pulmonary Hyalinizing Granuloma and Pulmonary tuberculosis**

Silviu Dumitru<sup>1</sup>, Antonela Dragomir<sup>1</sup>, Mihnea Orghidan<sup>1</sup>, Diana Leonte<sup>1</sup>

<sup>1</sup>*The National Institute of Pneumology “Marius Nasta” Bucuresti, Romania*

**P30 Swyer-James-Macloed Syndrome: a rare cause of bronchiectasis**

Doina Ecaterina Tofolean<sup>1</sup>, Adelina Anton<sup>1</sup>, Radu Baz<sup>2</sup>, Petronela Fildan<sup>3</sup>, Elena Dantes<sup>3</sup>

<sup>1</sup>*Department of Pneumology and Internal Medicine, County Clinical Hospital of Constanta, Romania;* <sup>2</sup>*Department of Radiology, County Clinical Hospital of Constanta, Romania;* <sup>3</sup>*Clinical Hospital of Pneumophtisiology, Constanta, Romania*

**P31 Clinical evolution of rare genotypes of Alpha1 Antitrypsin Deficiency**

Lavinia Davidescu<sup>1</sup>, Ruxandra Ulmeanu<sup>1,2</sup>

<sup>1</sup>*Faculty of Medicine and Pharmacy, Oradea, Romania;* <sup>2</sup>*National Institute of Pneumology Marius Nasta, Bucharest, Romania*

**P32 Pleuroparenchymal fibroelastosis: incidental finding in a patient with hemopneumothorax**

Jasna Bacalija<sup>1</sup>, Marija Šimić<sup>2</sup>, Čedna Tomasović Lončarić<sup>1</sup>, Igor Nikolić<sup>3</sup>, Hrvoje Feljan<sup>3</sup>, Jasna Tekavec Trkanjec<sup>4</sup>

<sup>1</sup>*Clinical Department of Pathology and Cytology, Dubrava University Hospital, Zagreb, Croatia;* <sup>2</sup>*Department of Diagnostic and Interventional Radiology,*

*Dubrava University Hospital, Zagreb, Croatia; <sup>3</sup>Department of Thoracic Surgery, Dubrava University Hospital, Zagreb, Croatia; <sup>4</sup>Department of Pulmonary Diseases, Dubrava University Hospital, Zagreb, Croatia*

**P33 The values of D-dimer in hospitalized patients with Community-acquired pneumonia according to the severity of disease and risk of mortality**

Desa Nastasijević Borovac<sup>1</sup>, Tatjana Pejčić<sup>1,2</sup>, Tatjana Rađenović Petković<sup>3</sup>, Ivana Stanković<sup>1,2</sup>, Biljana Vrbić<sup>1</sup>, Ivanka Đorđević<sup>1</sup>, Emilija Videnović<sup>1</sup>

<sup>1</sup>*Clinic for Lung Disease, Clinical Center Niš, KnezSelo, Serbia,* <sup>2</sup>*Faculty of Medicine, University of Niš, Serbia;* <sup>3</sup>*Center for medical biochemistry, immunology department, Clinical Center Nis, Serbia*

**P34 Pleurodesis in the treatment of secondary spontaneous pneumothorax**

Adrienn Bánki<sup>1</sup>, Ákos Lantos<sup>1</sup>, Éva Mórocz<sup>1</sup>, Petri Dominik<sup>2</sup>

<sup>1</sup>*Törökbálint Pulmonary Institute, Törökbálint, Hungary*

<sup>2</sup>*Semmelweis University, Budapest, Hungary*