

XII International Conference
Advances in Pneumology



Warsaw, Poland
October 7-8, 2016

Venue

Warsaw Medical University
Children's Hospital Bldg.
63A Żwirki i Wigury Street
02-091 Warsaw, Poland

Honorary Patronage of University President

Program

Organizers

Prof. Mieczyslaw Pokorski

Biophilia, Warsaw, Poland and Opole Medical School, Poland

Prof. Kurt Rasche

HELIOS Universitätsklinikum, Universität Witten/ Herdecke, Bergisches Lungenzentrum, Klinik für Pneumologie, Allergologie, Schlaf- und Beatmungsmedizin, Wuppertal, Germany

Scientific Committee

Prof. Ernest Kuchar

Department of Pediatrics with Clinical Decisions Unit, Second Medical Faculty, Warsaw Medical University, Poland

Prof. Aneta Nitsch-Osuch

Department of Social Medicine and Public Health, Warsaw Medical University, Warsaw, Poland

Prof. Katarzyna Życińska

Department of Family Medicine, Internal and Metabolic Diseases, Warsaw Medical University, Poland

Prof. Agnieszka Mastelarz-Migas

Department of Family Medicine, Wrocław Medical University, Wrocław, Poland

Conference Outline

Friday, October 7, 2016

Scientific conference: 08:30 to 18:30

Lunch break 13:00 – 14:00

Conference Dinner at 20.00 – Lolek Restaurant, 20 Rokitnicka Street (Pole Mokotowskie)
Warszawa

Saturday, October 8, 2016

Scientific conference: 8:30 to 14:00

Farewell lunch 14:00 – 15:00

Conference Program

12 min oral communications

Friday morning, October 7, 2016

Room A

08:30-08:40 - Opening Remarks - M. Pokorski and K. Rasche

Session I – Respiration, Pathophysiology

Chairs: K. Rasche (Germany) and K. Zycinska (Poland)

08:40 – 10:30

- 1. Assessment of inflammation in the upper and lower respiratory tract of waste collectors using non-invasive methods (Germany) - M. Raulf, V. van Kampen, H.D. Neumann, V. Liebers, A. Deckert, T. Brüning, J. Bünger, F. Hoffmeyer**
- 2. Epidemiology of snoring and obstructive sleep apnea in pregnancy (Germany) - K. Rasche, M. Orth**
- 3. Cardiac arrhythmias in patients with exacerbation of COPD (Poland) - T. Rusinowicz, T.M. Zielonka, K. Zycinska**
- 4. Cardiac manifestation in patients with pulmonary vasculitis (Poland) – K. Zycinska, A. Borowiec, T. Rusinowicz, R. Krupa, M. Hadzik-Blaszczyk, K.A. Wardyn**
- 5. Peripheral arterial tonometry in pulmonary vasculitis (Poland) – K. Życińska, A. Falkowski, K.A. Wardyn**
- 6. Impact of inhaled corticosteroids (ICS) treatment on local inflammatory process and pulmonary function test (PFT) in patients with moderate obstructions in COPD (Poland) - A. Chciałowski, I. Toczyska, W. Lubinski, C. Jochymski, W. Stankiewicz, E. Zwolińska**
- 7. The influence of the type of mutation and nutrition on life expectancy of people with cystic fibrosis (Poland) - J. Ratajczak, A. John, A. Szwed, J. Goździk-Spychalska, W. Czaiński, H. Batura-Gabryel**
- 8. Alpha-1-antitrypsin deficiency in patients with granulomatosis with polyangitis (Poland) – M. Hadzik-Blaszczyk, T.M. Zielonka, R. Krupa, A. Rozy, K.A. Wardyn, J. Chorostowska-Wynimko, K. Zycinska**
- 9. Exhaled breath temperature as an indicator of exacerbation in patients with COPD (Poland) – M. Rajzer-Wróbel, R. Gawlik, D. Jastrzebski, D. Ziora**

Coffee Break 10:30 – 11:00

Session II – Respiration, Infections

Chairs: F. Hoffmeyer (Germany) and T.M. Zielonka (Poland)

11:00 - 13:00

- 10. Is levofloxacin treatment a high-risk for *Clostridium Dfficile* infection? (Poland) - M. Chmielewska, M.Cieplak, T. Rusinowicz, K.A.Wardyn, K. Życińska**
- 11. Neurological signs as influenza early manifestations – own observations in the season 2015/2016 (Poland) - E. Zawłocka, M. Czajkowska, T. Jackowska**
- 12. Identification of mycobacterium species by MALDI-TOF mass spectrometry in the clinical laboratory (Slovakia) – M. Neuschlová, M. Vladárová, J. Kompaniková, V. Sadloňová, E. Nováková**
- 13. Influence of estrogen-related factors on the prevalence of allergic rhinitis (Poland) - K. Kliś, I. Wronka**
- 14. Long-term observations of anti-pertussis toxin antibodies in children and adolescents infected with HIV (Poland) - L. Szenborn, K. Tkaczyszyn, M. Dawiec, E. Saraczyńska, I. Zaleska, M. Wójcik, D. Banyś**

15. **The microbiological composition of denture plaque and its impact on oral mucous membrane in COPD patients on the long-term oxygen therapy and inhaled corticosteroids (Poland)** – D. Przybyłowska-Sztandera, J. Kostrzewa-Janicka, E. Swoboda-Kopec, J. Nasiłowski, R. Rubinsztajn, E. Mierzwińska-Nastalska
16. **Therapeutic efficacy of mandibular advancement devices usage in patients with severe obstructive sleep apnea – preliminary report (Poland)** – M. Wojda, J. Kostrzewa-Janicka, P. Jurkowski, E. Mierzwińska-Nastalska
17. **Chronic obstructive pulmonary disease as a risk factor of high mortality in *Clostridium Difficile* infection (Poland)** - M. Chmielewska, R. Krupa, M. Hadzik-Błaszczyk, K.A. Wardyn, K. Życińska
18. ***K. Pneumoniae* MBL carriers statistics: growing concern not only for pneumology specialists (Poland)** – M. Cieplak, M. Chmielewska, K.A. Wardyn, K. Zycinska
19. **Pneumocystis jirovecii: a threat for patients with respiratory diseases (Poland, Portugal)** - M. Sokulska, M. Kicia, M. Wesołowska, P. Piesiak, O. Matos, M.L. Lobo, Ž. Kopacz, A.B. Hendrich

Lunch Break 13:00 – 14:00

Friday morning, October 7, 2016

Room B

Session III – Respiration in context

Chairs: E. Kuchar (Poland) and J. Plevkova (Slovakia)

08:40 – 10:30

20. **In-patients hospitalized in intensive care unit (Poland)** - A. Guzek, K. Korzeniewski, D. Tomaszewski, Z. Rybicki, E. Zwolińska
21. **The prevalence of *Neisseria Meningitidis* carriage with identification of serogroups and genogroups in professional soldiers (Poland)** - K. Korzeniewski, M. Konior, M. Kiedrowska, E. Wódka
22. **Evaluation of selected immune parameters and serum vitamin D concentration in children with atopic dermatitis: a preliminary report (Poland)** – A. Lipińska-Opałka, A. Wawrzyniak, S. Lewicki, R. Zdanowski, B. Kalicki
23. **Mitochondrial respiratory system studies (Poland)** – S. Michalak, T. Piorunek, M. Kostrzewska, J. Rybacka-Mossakowska, W. Kozubski, H. Batura-Gabryel
24. **Influence of pregnancy on pulmonary function in women with pulmonary Langerhans cell histiocytosis (Poland)** - E. Radzikowska, M. Franczuk, E. Wiatr, I. Bestry, K. Roszkowski-Śliż
25. **Importance of GOLD guidelines for COPD (Slovakia)** - J. Sadlonova, D. Osinova, E. Rozborilova, O. Osina, E. Novakova, V. Sadlonova
26. **Chronic co-morbidity and adverse outcome prevalence among adults with asthma in Germany** – H. Steppuhn, C. Scheidt-Nave, T. Keil, E. Zwolińska, A. Skoczyńska
27. **Control of arterial blood pressure during hypocapnic hyperventilation (Poland)** – A. Jaskot, M. Latka, T. Sebzda
28. **Influence of socioeconomics and anthropometric factors on respiratory function in female university students (Poland)** – K. Kliś, D. Nowakowski, M. Żurawiecka, A. Dubrowski, I. Wronka
29. **Impact of new diagnostic methods in microbiology to identify upper respiratory tract pathogens (Slovakia)** – J. Kompaniková, A. Zumtick, M. Neuschlová, V. Sadloňová, E. Nováková

Coffee Break 10:30 – 11:00

Session IV – Pulmonary function

Chairs: E. Marek (Germany) and van Overveld (The Netherlands)

11:00 – 13:00

30. **Effect of caffeine ingestion on exhaled nitric oxide measurements in healthy subjects (Germany)** - E.M. Marek, O. Hagemeyer, M. Ulbrich, V. van Kampen, T. Brüning, R. Merget
31. **Evaluation and key points of the 6 minute-walking-test in combination with mobile spirometry: methodical and physiological aspects (Germany)** - E.M. Marek, O. Hagemeyer, M. Ulbrich, T. Brüning, R. Merget
32. **Regression analysis for ventilation estimation during human exposure unit experiments (Germany)** - E.M. Marek, O. Hagemeyer, B. Jettkant, C. Monse, T. Brüning, R. Merget
33. **The effects of pulmonary rehabilitation conducted in the salt mine and on the surface in COPD patients (Poland)** – M. Kostrzon, M. Szpunar
34. **Comparison of three types of small-volume ventilation in an experimental model of meconium aspiration syndrome (Slovakia)** - D. Mokra, L. Tomcikova Mikusiakova, P. Mikolka, P. Kosutova, M. Jurcek, M. Kolomaznik, A. Calkovska
35. **Acute and chronic effect of erdosteine on airway defense mechanisms (Slovakia)** - L. Pappová, M. Jošková, I. Kazimierová, M. Šutovská, S. Fraňová
36. **Small airway obstruction in COPD – potential parameters for early detection (Poland)** - T. Piorunek, M. Kostrzewska, M. Stelmach-Mardas, M. Mardas, S. Michalak, J. Goździk-Spychalska, H. Batura-Gabryel
37. **Function in patients with moderate obstruction in COPD (Poland)** - I. Toczyska, A. Chciałowski, W. Lubinski, W. Stankiewicz, E. Zwolińska
38. **Towards basic knowledge on interactions between inhaled nano-structured particles and lung surface: a physicochemical approach (Poland)** – T.R. Sosnowski
39. **Particle engineering: a method for optimization of inhalable aerosols delivered from dry powder inhalers (Poland)** – K. Jabłczyńska, T.R. Sosnowski
40. **Allergen component testing for food allergy: ready for prime time (Poland)** - U. Demkow

Lunch Break 13:00 – 14:00

Friday afternoon, October 7, 2016

Room A

Session V - Respiratory Science and Medicine

Chairs: C. di Giulio (Italy) and E. Tuleta (Germany)

14:00 – 16:00

41. **Impaired vascular function in sarcoidosis patients (Germany)** - I. Tuleta, D. Skowasch, L. Biener, C. Pizarro, G. Nickenig, N. Schahab, C. Schaefer, S. Pingel
42. **Dual chemoreceptive mechanisms for hypoxia sensing (Japan, Poland)** - M. Pokorski, K. Takeda, Y. Okada
43. **Carbohydrate and lipid metabolism rebuilding under hypoxia: mechanisms and therapeutic potential (Ukraine)** - V. Portnichenko, A. Portnychenko, V. Nosar, M. Vasylenko, T. Lapikova-Bryhinska
44. **Resistance to anti-tuberculotics: correlation of laboratory and clinical parameters (Slovakia)** - I. Porvazník, J. Mokry, I. Solovič
45. **Inhibition of phosphodiesterases in airways (Slovakia)** - J. Mokry, A. Urbanova, M. Kertys, I. Medvedova, D. Mokra
46. **Olfactory sensory neurons are present in the inferior turbinate (Italy)** - A. Mazzatenta, S. Zara, C. De Luca, S. Invitto, A. Di Tano, A. Cataldi, M. Cacchio, C Di Ilio, C. Di Giulio

47. **YKL-40 is expressed in carotid bodies in inflammatory conditions related to heroin addiction (The Netherlands, Italy)** – F.J. van Overveld, A. Mazzatenta, G. Andringa, S. Zara, A. Cataldi, C. Di Giulio, G.T. Rijkers
48. **Is YLK-40 involved in carotid body aging mechanism? (Italy, The Netherlands)** - C. Di Giulio, F.J. van Overveld, S. Zara , G. Andringa, A. Porzionato, A. Cataldi, G. T Rijkers, C. Di Ilio, M. Cacchio, A. Mazzatenta
49. **Vaccinations in children and adults with asthma (Poland)** - L. Szenborn, K. Tkaczyszyn, E. Kuchar
50. **Awareness of Polish physicians about the impact of air pollution on health (Poland)** – T.M. Zielonka, K. Życińska

Coffee Break 16:00 -16:30

Session VI - Asthma, allergy and cough

Chairs: C. Bittner (Germany) and I. Poliecek (Slovakia)

16:30 – 18:30

51. **Interactions of cough and other defensive airway reflexes – accidental or regular responses (Slovakia)** - I. Poliecek, J. Jakus, M. Veternik, Z. Kotmanova, L. Babalova, M. Simera
52. **Occupational asthma due to food allergy in a Madagascan cook (Germany)** – C. Bittner, A.M. Preisser, V. Harth
53. **Does the hygiene hypothesis hold for coffee workers in Papua New Guinea? (Germany)** - C. Bittner, M. Velasco Garrido, V. Harth, L. Werry Pako
54. **The influence of vitamin D and cotinine on T-regulatory (TREG) cells and on the course of asthma in children (Poland)** – B. Kalicki, A. Wawrzyniak, A. Lipińska-Opalka, S. Lewicki, R. Zdanowski
55. **Management of asthma among unselected adult asthma patients in Germany** – H. Steppuhn, S. Mueters, S. Dahm, H. Knopf, T. Keil, C. Scheidt-Nave
56. **Quality of life in work related asthma: a systematic review of the literature (Germany)** - M. Velasco Garrido, C. Bittner, V. Harth, A.M. Preisser
57. **Allergic bronchopulmonary aspergillosis in waste disposal: delayed diagnosis with protracted consequences (Germany)** - A.M. Preisser, M. Velasco Garrido, V. Harth
58. **Effect on cough of GABA and baclofen microinjections in the medullary raphe in cats (Slovakia)** – M. Simera, I. Poliecek, M. Veternik, B. Dobrolubov, Z. Kotmanova, J. Jakus
59. **Influence of CRAC channel blocker on airways remodelling changes in experimentally-induced allergic asthma conditions (Slovakia)** - M. Sutovska, M. Kocmalova, I. Kazimierova, M. Joskova, L. Pappová
60. **Characterization of female guinea pigs as a model for cough research (Slovakia)** - N. Kavalcikova-Bogdanova, A. Sorkness, L. Kovacicova, R. Ruzinak, T. Buday, J. Plevkova, M. Adamkov, S. Franova
61. **Modulation of primary cough afferent drive: computer simulations (Slovakia)** - M. Veternik, L. Babalova, M. Simera, J. Jakus, I. Poliecek

18:30 – 19:00

Plenary evening lecture: Wheeze + Cough = Asthma

Dr. Christopher Magier, Consultant Pediatrician. David Hide Asthma & Allergy Research Center Isle of Wight, UK.

19:45 Evening assembly in front of the President's Building – 15 min walk to the Gala Dinner restaurant

Friday afternoon, October 7, 2016

Room B

Session VII – Lung function and structure

Chairs: M. Raulf (Germany) and A. Porzionato (Italy)

14:00 – 16:00

62. **Humans following challenge with ethyl acrylate (Germany)** - F. Hoffmeyer, K. Sucker, H. Berresheim, C. Monsé, B. Jettkant, A. Beine, M. Raulf, T. Brüning, J. Bünger
63. **The effect of singing therapy compared to standard physiotherapeutic lung sport in COPD (Germany)** - S. Jamaly, M. Leidag, H. W. Schneider, U. Domanski, K. Rasche, G. Nilius
64. **Tuberculosis of urogenital tract in adult material in Mazovian center for the treatment of lung diseases and tuberculosis in Otwock (Poland)** – J. Jagodziński, T.M. Zielonka, K. Życińska
65. **Lung lesions in the course of fever of unknown origin (Poland)** - R. Krupa, T. Zielonka, M. Hadzik-Blaszczyk, K. Wardyn, K. Zycinska
66. **Clinical manifestations of huge diaphragmatic hernias into the chest (Poland)** – J. Lesinski, T.M. Zielonka, A. Kaszynska, O. Wajtryt, K. Paplinska, K. Zycinska, K.A. Wardyn
67. **The acute model of eosinophilic inflammation of the esophagus for studying of visceral afferent neuroplasticity (Slovakia)** - M Brozmanova, Z Holesova, A Stefanikova, L Mazurova, M Tatar, M Kollarik
68. **TRPV4 and cough evoked by osmotic stimuli (Slovakia)** – T. Buday, L. Kovacikova, R. Ruzinak, J. Plevková
69. **Immunomodulatory effects of L-citrulline administration in a rat model of moderate hyperoxia-induced lung injury (Italy)** – D. Grisafi, A. Dedja, F. Navaglia, V. Macchi, E. Tassone, A. Rambaldo, Milan, E. Baraldi, R. De Caro, P. Zaramella, A. Porzionato
70. **Automated analysis of alveolarization in hyperoxia-induced rat models of bronchopulmonary dysplasia (Italy)** - A. Porzionato, D. Guidolin, V. Macchi, M.M. Sfriso, A. Dedja, E. Baraldi, P. Zaramella, R. De Caro
71. **Hypoxic ventilatory response in rats treated with a novel tramadol-based analgesic (Poland)** - D. Zajac, K. Kaczyńska, E. Gąsińska, M. Bujalska-Zadrozny
72. **Lipid derivatives of dopamine: a sum-up of 18 years of research (Poland)** - D. Zajac, A. Stasińska, M. Pokorski

Coffee Break 16:00 -16:30

Session VIII – Respiratory health, pollution

Chairs: A. Holownia and A.J. Badyda (Poland)

16:30 – 18:30

73. **Orchestrated effects of cigarette smoke and lipopolysaccharide on phagocytosis and cytokine release from desialylated THP1 cells (Poland)** – A. Holownia, P. Wielgat, J. Braszko
74. **Relationship between socioeconomic conditions and pneumatization of frontal sinuses in medieval population from Poland** - A. Gawlikowska-Sroka
75. **Effect of smoking on vitamin D and 1,25-dihydroxycholecalciferol in patients of the Ludwigshafen Risk and Cardiovascular Health Study (Germany)** - G. Delgado, R. Siekmeier, L. Tietze, S. Pilz, W. März, M.E. Kleber
76. **Incidence of selected pulmonary diseases depending on the exposure to ambient PM10 (Poland).** A.J. Badyda, K. Widziewicz, W. Rogula-Kozłowska, G. Majewski, I. Jureczko, D. Mucha, A. Gayer
77. **Causes and consequences of obstructive diseases in Poland: 3 year of research experience within Polish and world spirometry days** – A.J. Badyda, P. Dąbrowiecki, P.O. Czechowski

78. **Description of the anti-smoking educational program entitled ‘Run For Health’ (Poland) -** K. Bargiel-Matusiewicz, R. Dziurla
79. **The impact of the sociodemographic and clinical factors on quality of life in patients with non-small cell lung cancer (Poland) –** M. Chabowski, J. Polański, G. Mazur, D. Janczak, J. Rosińczuk
80. **Mathematics of snoring – representation of the acoustic process expressed by a mathematical model (Poland) –** E. Dzieciółowska-Baran, T. Barciński, J. Baran, A. Gawlikowska-Sroka
81. **Estimation of the popularity of E-cigarettes and awareness of their effect on the body in the adult population of Szczecin (Poland) -** A. Daniluk, A. Gawlikowska-Sroka, M. Stępien-Słodkowska, E. Dzieciółowska-Baran, K. Michnik
82. **Electronic cigarette: a suboptimal inhalation device (Poland) –** T.R. Sosnowski

18:30 – 19:00

Plenary evening lecture: Exercise-induced bronchoconstriction
Prof. Marek Kulus, Department of Pediatric Pneumology and Allergy, Warsaw Medical University, Warsaw, Poland

19:45 Evening assembly in front of the President’s Building – 15 min walk to the Gala Dinner restaurant

Saturday morning, October 8, 2016

Room A

Session IX – Oncology, sarcoidosis
Chairs: A. Rzechonek and W. Naumnik (Poland)

08:30 – 10:30

83. **Cryodestruction and drug penetration in cancer tissue: a preliminary analysis (Poland, USA) –** A. Rzechonek, P. Błasiak, P. Cierpikowski, B. Muszczyńska, G. Pniewski, O. Michel, J. Saczko, J. Kulbacka, J. Grzegorzółka, P. le Pivert
84. **Electroporation as an enhancement of cisplatin and leucovorin calcium treatment in primary cell lines from lung metastasis (Poland) –** O. Michel, J. Piłat, J. Kulbacka, A. Rzechonek, P. Błasiak, J. Saczko
85. **The clinical value of cell-free DNA levels and integrity analysis in differential diagnosis of patients with chest radiological findings: NSCLC versus benign lung nodules (Poland) –** M. Florczuk, A. Szpechciński, P. Rudziński, W. Kupis, R. Langfort, T. Orłowski, J. Chorostowska-Wynimko
86. **Success and failure rate in EGFR mutation assessment in patients with non-small cell lung cancer (NSCLC) (Poland) –** K. Duk, P. Skrońska, A. Zdrał, E. Szczepulska-Wójcik, R. Langfort, J. Chorostowska-Wynimko
87. **Surgical resection as an effective treatment for lung metastases and synchronous or metachronous lung tumors (Poland, USA) –** A. Rzechonek, P. Błasiak, P. Cierpikowski, E. Żak, B. Muszczyńska, G. Pniewski, R. Taboła, O. Michel, J. Kulbacka, J. Saczko, P. le Pivert
88. **Evaluation of the effectiveness of bronchofiberscopy in lung lesions diagnosis (Poland) -** A. Nahorecki, K. Postrzech- Adamczyk, E. Straszak, A. Szuba, D. Janczak, M. Chabowski
89. **Co-morbidities, no lung function or working ability influence on daily activity in patients with sarcoidosis (Poland) –** S. Kostorz, D. Jastrzębski, M. Sikora, A. Zebrowska, M. Syguda, D.

Stepanik, H. Świnder, R. Wiśniewska, R. Gawlik, D. Ziora

90. **Relationship between daily physical activity, physical performance and symptoms of chronic fatigue in patients with sarcoidosis (Poland)** - K. Przybyła, M. Sikora, A. Zebrowska, B. Hall, O. Łakomy, S. Kostorz, D. Ziora, D. Jastrzębski
91. **Elevated levels of IL-27 and IL-29 in bronchoalveolar lavage fluid from sarcoidosis patients (Poland)** - W. Naumnik, B. Naumnik, M. Ossolińska, J. Nikliński, E. Chyczewska
92. **Prognostic value of osteoprotegerin and SRANKL in bronchoalveolar lavage fluid of patients with advanced non-small cell lung cancer (Poland)** - W. Naumnik, B. Naumnik, M. Ossolińska, J. Nikliński, E. Chyczewska

Coffee break 10:30 – 11:00

Session X - Influenza and related infections

Chairs: D. Mokra (Slovakia) and A. Nitsch-Osuch (Poland)

11:00 – 14:00

93. **Influenza vaccine coverage rates among Polish patients with chronic diseases (Poland)** - A. Nitsch-Osuch, P. Tyszko, D. Wyszowska, R. Rosińska, L. Kargul, B. Szuba, L.A. Brydak
94. **Use of rapid influenza diagnostic test improves appropriateness of antiviral treatment among hospitalized children (Poland)** - A. Nitsch-Osuch, E. Kuchar, I. Gołębiak, K. Kanecki, P. Tarka, L. Brydak
95. **Vaccine effectiveness against influenza in 2015/2016 in selected hospitals and outpatient clinics. Polish part results of European multicenter study I-MOVE (Poland)** – I. Paradowska-Stankiewicz, M.R. Korczyńska, K. Cieślak, D. Kowalczyk, K. Szymański, L.B. Brydak
96. **Vaccination against influenza among medical students of selected medical universities in Poland in the 2014/2015 epidemic season (Poland)** - A. Woźniak-Kosek, M. Brzychczy-Włoch, A. Dubaniewicz, S. Giedrys-Kalemba, G. Henrykowska, M. Jędrych, A. Kasprzak, J. Kosek, M. Mierzejewski, I. Paradowska-Stankiewicz, J. Sarowska
97. **Circulation of antibodies against influenza virus hemagglutinins in the epidemic season 2014/2015 in Poland** - D. Kowalczyk, K. Szymański, K. Cieślak, L.B. Brydak
98. **The activity of influenza and influenza-like viruses in individuals aged over 14 in the epidemic season 2015-2016 in Poland** - D. Kowalczyk, K. Cieślak, K. Szymański, L.B. Brydak
99. **The Sentinel System as the main influenza surveillance tool (Poland)** - K. Cieślak, D. Kowalczyk, Szymański, L.B. Brydak
100. **Influenza and influenza-like viruses in children aged under 14 years in the epidemic season 2015/2016 in Poland** - K. Cieślak, K. Szymański, D. Kowalczyk, L.B. Brydak
101. **Influenza: still an underestimated problem in children below 2 years of age (Poland)** - A. Wrotek, E. Zawłocka, M. Czajkowska, T. Jackowska
102. **The epidemic 2015/2016 influenza season: own observations (Poland)** – E. Zawłocka, M. Czajkowska, T. Jackowska
103. **Co-infections with influenza and influenza-like viruses during epidemic season 2015/2016 (Poland)** - K. Szymański, K. Cieślak, D. Kowalczyk, L.B. Brydak
104. **Diversification of influenza activity in different Polish voivodeships during the epidemic season 2015/2016 (Poland)** - K. Szymański, D. Kowalczyk, K. Cieślak, L.B. Brydak
105. **Influenza in neonates: own observations in the season 2015/2016 (Poland)** – E. Zawłocka, M. Czajkowska, T. Jackowska
106. **Deaths from influenza – case study (Poland)** – T. Jackowska, B. Kamińska, E. Chwiałkowska, A. Dobrzańska, G. Podlipniak-Sobczyńska, Z. Patyna-Giżejowska, J. Chwiećko

Farewell Lunch 14:00 – 15:00

Saturday morning, October 8, 2016

Room B

Session XI – Healthcare and psychosomatic aspects

Chairs: A. Głębocka and D. Kurpas (Poland)

08:30 – 10:30

- 107. Clinical utility of the Berlin Questionnaire in comparison to polysomnography in Polish patients with obstructive sleep apnea (Germany, Poland) – M. Stelmach-Mardas, K. Iqbal, M. Mardas, M. Kostrzewska, T. Piorunek**
- 108. Perinatal assessments on the basis of APGAR score and umbilical cord blood gas content (Poland) - A. Sere dyn Pieni ą dz, M. Liszewska-Kaplon, L. Hirnle**
- 109. The relationship between burnout syndrome among medical staff and work conditions in the Polish healthcare system (Poland) – A. Głębocka, E. Wilczek-Ruzyczka**
- 110. Frequent attenders with chronic respiratory diseases in primary care settings (Poland) - D. Kurpas, K. Szwamel, B. Mroczek**
- 111. Importance of social relationships in patients with chronic respiratory diseases (Poland) - D. Kurpas, K. Szwamel, B. Mroczek**
- 112. Acceptance of illness, and health care services in patients with asthma (Poland) – B. Mroczek, K. Parzuchowska, M. Jasińska-Starczewska, T. Grodzki, D. Kurpas**
- 113. Impact of socioeconomic factors on self-reported prevalence of allergic diseases among female university students (Poland) - K. Kliś, M. Żurawiecka, A. Suder, I. Teul, E. Suliga, B. Borowska-Strugińska, I. Wronka**
- 114. The evaluation of the intensity of the anxiety and depression in the patients with lung cancer compared with their quality of life (Poland) – J. Polański, M. Chabowski, A. Chudiak, B. Uchmanowicz, J. Rosińczuk, G. Mazur**
- 115. Current factors influencing the infection control practices of domestic and international medical students (Poland) – N.J Spencer, P. Peplowska, A. Peplowski, A. Czyżak, T.M. Zielonka, K. Życińska**
- 116. Socioeconomic costs of influenza complications (Poland) - A. Wrotek, E. Zawłocka, M. Czajkowska, T. Jackowska**

Coffee Break 10:30 – 11:00

Session XII – Ventilatory Disorders

Chairs: M. Brozmanova (Slovakia) and R. Siekmeier (Germany)

11:00 – 14:00

- 117. Adenoid cystic carcinoma in the cavernous sinus: ENT consequences in the course of therapy (Poland) – E. Dzieciołowska-Baran, A. Gawlikowska-Sroka**
- 118. Malnutrition and the quality of life in patients with non-small cell lung cancer (NSCLC) (Poland) – J. Polański, B. Jankowska-Polańska, I. Uchmanowicz, M. Chabowski, B. Uchmanowicz, G. Mazur**
- 119. Surgical treatment of chest funnel by NUSS procedure - a 15-year experience study**

(Poland) - P. Cierpikowski, P. Błasiak, G. Pniewski, M. Mraz, R. Taboła, O. Michel, J. Saczko, J. Kulbacka, A. Rzechonek

- 120. The impact of 75g glucose stimulus on I-selectine expression and concentration in blood of obstructive apnea males (Poland)** - S. Cofta, E. Wysocka, T. Piorunek, H. Winiarska, S. Michalak, H. Piotrowska, A. Brożek, A. Thielemann, H. Batura-Gabryel
- 121. The influence of glucose tolerance on oxydative stress markers in blood of different stage obstructive sleep apnea males (Poland)** - E. Wysocka, S. Cofta, A. Płóciniczak, M. Nowicki, M. Zowczak-Drabarczyk, A. Baszczuk, M. Kostrzewska, T. Piorunek
- 122. The evaluation of postural stability in patients after premedication with morphine or promethazine (Poland)** - J. Kosek, A. Woźniak-Kosek, D. Jurkiewicz, B. Zielnik-Jurkiewicz
- 123. Companion diagnostics: need for more regulations (Germany)** - R. Siekmeier, J. Hannig, W. März
- 124. Product problems of implantable pumps for drug therapy – analysis based on field safety notes published by BFARM in 2005-2016 (Germany)** - R. Siekmeier, J. Hannig, K. Rasche
- 125. Vitamin D and asthma: an overview (Germany)** - R. Siekmeier, G. Delgado, L. Titze, T. Grammer, S. Pilz, M.E. Kleber, W. März
- 126. 25-hydroxyvitamin D (25OH)D in hospitalized children: a 2.5-year screening study (Poland)** – P. Hartmann, J. Chwiećko, T. Jackowska, R. Kapuscinska
- 127. The use of hospital morbidity database for epidemiological studies on Churg-Strauss syndrome (Poland)** – K. Kanecki, A. Nitsch-Osuch, P. Gorynski, P. Tarka, P. Tyszko
- 128. Thyroid autoimmunity in girls with Turner Syndrome (Poland)** – E. Witkowska-Sędek, A. Borowiec, A. Kucharska, K. Chacewicz, M. Rumińska, B. Pyrzak
- 129. Body composition, anthropometric parameters and hydration status of obstructive sleep apnea syndrome patients. Can cachexia coexist with obesity? (Poland)** – B. Kuźnar-Kamińska, M. Grabicki, T. Trafas, M. Szulińska, S. Cofta, T. Piorunek, B. Brajer-Luftmann, A. Nowicka, H. Batura-Gabryel

Farewell Lunch 14:00 – 15:00

Collaboration & Support

PneumRx GmbH., a BTG International group company, Prinzenallee 19, 40549 Düsseldorf, Germany, www.pneumrx.com

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