



Workshop New trends in immunology: from the basic science to the clinical research

Rīga Stradiņš University, Dzirciema 16, Rīga, Latvia
Senate Hall, Block K

3 – 4 April 2014

AGENDA

Thursday, 3 April 2014

- 09.30** **Welcome of participants**
Modra Murovska, MD, PhD, “Baltinfect” coordinator
- Session 1. Infection and Immunity I**
Session Chairs: Maciej Cedzynski, PhD; Hazel Dockrell, MD, PhD
- 09.45 - 10.25** **Infections and autoimmunity**
Aaro Miettinen, MD, PhD, Department of Bacteriology and Immunology, University of Helsinki, Finland
- 10.25 - 11.05** **Infection induced autoimmunity in Myalgic Encephalomyelitis. A case for multiplex serology**
Jonas Blomberg, MD, PhD, Uppsala University, Sweden
- 11.05 - 11.25** **Postvaccinal immunity and new trends in vaccinology**
Angelika Krumina, MD, PhD, Department of Infectology and Dermatology, Rīga Stradiņš University, Latvia
- 11.25 - 11.45** *Coffee break*
- 11.50 - 12.30** **Autoimmunogenicity of DNA-binding domains**
Maria Issagouliantis, PhD, A.Kirchenstein Institute of Microbiology and Virology, Rīga Stradiņš University, Latvia
- 12.30 - 13.10** **Cancer-associated autoantibodies as biomarkers for early detection and prognosis in cancer**
Aija Line, PhD, Latvian Biomedical Research and Study Centre
- 13.10 - 14.00** *Lunch break*
- Session 2. Infection and Immunity II**
Session Chairs: Elena Kashuba, PhD; Aaro Miettinen, MD, PhD
- 14.00 - 14.40** **Epstein-Barr virus and immunity**
Elena Kashuba, PhD, Microbiology and Tumor Biology Centre, Karolinska Institute, Stockholm, Sweden
- 14.40 - 15.00** **Persistent viruses and immune dysfunction in patients with different infectious and somatic pathology**
Sviatlana Arlova, PhD, Centre of Epidemiology and Microbiology, Minsk, Belarus
- 15.20 - 15.40** **The immunogenetics of human infectious diseases**
Jelena Eglite, MD, PhD, Laboratory of Clinical Immunology and Immunogenetics, Rīga Stradiņš University, Latvia
- 15.40 - 16.00** *Coffee break*

- 16.00 - 16.40 Factors of the lectin pathway of complement activation and their clinical associations in neonates**
Maciej Cedzynski, PhD, Institute for Medical Biology, Polish Academy of Sciences, Poland
- 16.40 - 17.00 Chemokine receptors CCR1 and CCR2 in B cells**
Irina Holodnuka, PhD, A.Kirchenstein Institute of Microbiology and Virology, Rīga Stradiņš University, Latvia

Friday, 4 April 2014

Session 3. Visualization Methods and Translational Immunology

Session Chairs: **Jonas Blomberg**, MD, PhD; **Ludmila Viksna**, MD, PhD

- 09.30 - 10.10 Immunological visualization: current research tools**
Martins Kalis, PhD, A.Kirchenstein Institute of Microbiology and Virology, Rīga Stradiņš University, Latvia
- 10.10 - 10.40 Bioluminescence imaging of antitumor lymphocytes**
Dainius Characiejus, MD, PhD, Faculty of Medicine, Vilnius University, Lithuania
- 10.40 - 11.20 Shotgun epitope detection with synthetic peptides**
Jonas Blomberg, MD, PhD, Uppsala University, Sweden
- 11.20 - 11.40 Coffee break**
- 11.40 - 12.20 Interaction between pancreatic beta cells and the immune system in physiology and in diabetes pathogenesis**
Corrado M.Cilio, MD, PhD, University of Lund, Sweden
- 12.20 - 13.00 Autoimmune epithelitis in rheumatology: pathogenesis, epidemiology and clinical findings**
Diana Mieliauskaite, MD, PhD, State Research Institute Centre for Innovative Medicine, Vilnius, Lithuania
- 13.00 - 13.50 Lunch break**

Session 4. Tumorimmunology, Virotherapy and Vaccines

Session Chairs: **Dainius Characiejus**, MD, PhD; **Simona Donina**, MD, PhD

- 13.50 - 14.30 Perspectives in Immunooncology**
Aleksiej Novik, MD, PhD, N.N.Petrov Research Institute of Oncology, Saint Petersburg, Russia
- 14.30 - 14.50 Concept of oncolytic virotherapy – clinical implementation**
Simona Donina, MD, PhD, A.Kirchenstein Institute of Microbiology and Virology, Rīga Stradiņš University, Latvia
- 14.50 - 15.10 Oncolytic activity of Echo-7 virus in vitro**
Dace Pjanova, PhD, Latvian Biomedical Research and Study Centre, Rīga, Latvia
- 15.10 - 15.30 Coffee break**
- 15.30 - 16.05 Biomarkers of protection for use in TB vaccine trials**
Hazel Dockrell, MD, PhD, The London School of Hygiene & Tropical Medicine, UK
- 16.05 - 16.25 SME contribution in research**
Vaira Saulite, MD, PhD, Latima Ltd., Rīga, Latvia
- 16.25 - 16.45 Concluding remarks**
Common strategy protocol
Mihails Barishevs, PhD, “Baltinfect” work package leader
Simona Donina, MD, PhD, President of Latvian Association of Immunologists
Uldis Berkis, PhD, Director of the Research Department, Rīga Stradiņš University, Latvia