

## SCIENTIFIC PROGRAM

Monday, May 12

- 9:00-9:50** Registration, welcome coffee  
**9:50-10:00** Opening  
**10:00-10:40** **Keynote lecture**  
The causative role of Epstein-Barr virus in multiple sclerosis.  
*Christian Münz (University of Zurich, Switzerland)*
- 10:40-13:30** **Session 1: Host-pathogen interaction**  
*Moderators: Aurelija Žvirblienė and Maciej Kurpisz*
- 10:40-13:00** Plenary lectures  
**10:40-11:10** To fragment or fuse? Mitochondrial architecture decides the niche for pathogenic survival.  
*Bhupesh K Prusty (Rīga Stradiņš University, Latvia)*  
**11:10-11:40** The impact of viral infection on glucose metabolism.  
*Felix M. Wensveen (University of Rijeka, Croatia)*  
**11:40-12:10** Coffee break and poster viewing  
**12:10-12:40** Post-pandemic increase in *S. pyogenes* infections: a role of herd trained immunity.  
*Janusz Marcinkiewicz (University of Agriculture, Krakow, Poland)*  
**12:40-13:00** Clinical features and outcomes of multisystem inflammatory syndrome in children.  
*Inga Ivaškevičienė (Vilnius University, Lithuania)*  
**13:00-13:05** Presentation of Future Biomedicine Foundation  
**13:05-13:35** Short talks (2-3 min each)  
**13:35-14:30** Lunch and poster viewing
- 14:30-15:30** **Round-table discussion** “Interdisciplinarity and hyperspecialization in science: how to keep the balance?”  
*Moderator: science journalist Elizabet Beržanskytė (Lithuania)*
- 15:30-18:30** **Session 2: Inborn errors of immunity**  
*Moderators: Kai Kisand and Martynas Simanavičius*
- 15:30-18:00** Plenary lectures  
**15:30-16:00** Hipogammaglobulinemia without limits: SID and PID crossroad.  
*Ewa Więsik-Szewczyk (Military Institute of Medicine, Warsaw, Poland)*  
**16:00-16:30** Many faces of primary immunodeficiencies: guess what? (an interactive lecture).  
*Brigita Gradauskienė (Lithuanian University of Health Sciences, Kaunas, Lithuania)*  
**16:30-17:00** Coffee break and poster viewing  
**17:00-17:30** Special considerations for HSCT in patients with inborn errors of immunity.  
*Manfred Hönig (University Hospital Ulm, Germany)*  
**17:30-17:50** CARD11 gene: Function and alterations.  
*Anastasia Bondarenko (International European University, Kyiv, Ukraine)*  
**17:50-18:10** Newborn screening for SCID in Latvia: first results.  
*Natalja Kurjāne (Rīga Stradiņš University, Latvia)*  
**18:10-18:45** Short talks  
**18:50** Bus to the city center  
**19:30-22:00** Welcome reception

## Tuesday, May 13

### 9:00-12:30 **Session 3: Sterile inflammation and autoimmunity**

Moderators: Agata Mlynska and Felix Wensveen

#### 9:00-12:00 Plenary lectures

- 9:00-9:30** Spatial regulation of mononuclear phagocyte function  
*Andreas Schlitzer (University of Bonn, Germany)*
- 9:30-10:00** T cell responses in local inflammation.  
*Femke van Wijk (Utrecht University, the Netherlands)*
- 10:00-10:30** Cross-talks between the immune and DNA repair systems in health and disease.  
*Nelson Gekara (University of Freiburg, Germany)*
- 10:30-11:00** Long COVID and autoimmunity.  
*Hung-Jen Chen (Amsterdam University Medical Centers, the Netherlands)*
- 11:00-11:30** Coffee break and poster viewing
- 11:30-11:50** Inflammation and reproductive health.  
*Maciej Kurpisz (Institute of Human Genetics, Poznan, Poland)*
- 11:20-11:40** Cytokine autoantibodies: friends or foes?  
*Kai Kisand (Tartu University, Estonia)*
- 11:40-12:00** Baby-led weaning complementary foods and food allergy development among Ukrainian mothers and babies after six months of age.  
*Olena Sharikadze (Shupyk National Medical Academy of Postgraduate Education, Kyiv, Ukraine)*
- 12:00-12:30** Short talks
- 12:30-13:30** Lunch and poster viewing

### 13:30-16:30 **Session 4: Tumor immunology**

Moderators: Natalja Kurjane and Jan Krasko

#### 13:30-15:30 Plenary lectures

- 13:30-14:00** Neutrophils in cancer: state of the art.  
*Sven Brandau (University Hospital Essen, Germany)*
- 14:00-14:30** Novel developments in cancer immunotherapy  
*Jon Amund Kyte (Oslo University Hospital, Norway)*
- 14:30-15:00** Tumor microenvironment - key to successful management of cancer-induced immunosuppression  
*Agata Mlynska (National Cancer Institute, Vilnius, Lithuania)*
- 15:00-15:30** The role of microbiota in anti-tumor response  
*Julia Shvets (Taras Shevchenko National University of Kyiv, Ukraine)*
- 15:30-16:00** Coffee break and poster viewing
- 16:00-16:30** Short talks
- 16:30-17:00** Awards for the best posters/short talks, interactive feedback from the participants
- 17:00- 17:15** Closing remarks, farewell coffee
- 17:30** Bus to the city center
- 18:00-19:30** Guided tour to Vilnius old-town