

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 Why we get sick; On the immunology of sickness 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)
13:00-13:10 Presentation of *Ateities Biomedicinos Fondas (Future Biomedicine Foundation)*
13:10-13:40 Short talks (1.5-2 min each)
13:40-14:30 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 Hypogammaglobulinemia 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 (1.5-2 min each)
18:50 Bus to the city center
19:30-22:00 Welcome reception at the "Arkangelo Konferencijų ir Meno Centras (AKMC)", Maironio str. 11. Concert of Future Cello (*Justas Kulikauskas*).

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 and functional regulation of dendritic cells during health and disease.

Andreas Schlitzer (University of Bonn, Germany)

9:30-10:00

The persistence and plasticity of (regulatory) T cells: lessons from autoimmune inflammation and tumor microenvironments.

Femke van Wijk (Utrecht University, the Netherlands)

10:00-10:30

Cross-talks between the immune and DNA repair systems.

Nelson Gekara (University of Freiburg, Germany)

10:30-11:00

Long COVID and autoimmunity: transfer of IgG from long COVID patients induces symptomology in mice

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 (University of Tartu, 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)

12:00-12:10

Single-cell immune profiling.

Aistė Vitkūnaitė (Linea libera)

12:10-12:40

Short talks (1.5-2 min each)

12:40-13:30

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 immune response

Julia Shvets (Taras Shevchenko National University of Kyiv, Ukraine)

15:30-16:00

Short talks (1.5-2 min each)

16:00-16:30

Coffee break

16:30-17:00

Awards for the best posters/short talks, interactive feedback from the participants

17:00- 17:15

Closing remarks

17:30

Bus to the city center

18:00-19:30

Guided tour to Vilnius old-town