

PROGRAMME

- 9:00 – 9:05 Welcome by the organizers
9:05 – 9:15 Welcome by the Director of IMG

SESSION 1: Developmental biology (Chair: Masha Kuzmina, Irina Ribeiro)

- 9:15 – 9:30 **Allan Akandwanaho** Converting molecular-scale torques to embryonic left-right asymmetry
9:30 – 9:45 **Kateřina Večerková** Hidden genes in vertebrate genomes
9:45 – 10:00 **Lenka Ungrová** Discovery of novel avian interferon regulatory factors
10:00 – 10:15 **Sponsor's talk:** EastPort Lifescience
10:15 – 10:45 Coffee break 1

SESSION 2: Immunology (Chair: Darina Paprckova, Nenad Radivojevic)

- 10:45 – 11:00 **Mehak Shaikh** ALDH1A as a therapeutic target in acute myeloid leukemia
11:00 – 11:15 **Šárka Janušová** The role of ABIN1 in T-cell development, signaling, and function
11:15 – 11:30 **Jiří Březina** CLAUDIN-1 expressed by thymic cDC1 lineage is a novel molecular determinant of antigen transfer and Treg selection
11:30 – 11:45 **Sponsor's talk:** Bene Meat Technologies
11:45 – 12:00 **Sponsor's talk:** DIANA Biotechnologies
12:00 – 13:00 Lunch break

SESSION 3: Neurobiology (Chair: Masha Kuzmina, Ana Miladinovic)

- 13:00 – 14:00 **KEYNOTE LECTURE: Mushtaq Bilal, PhD**
14:00 – 14:15 **Oleh Durydivka** SGIP1 as a modulator of cannabinoid receptor 1
14:15 – 14:30 **Matej Gazdarica** Cannabinoid receptor 1 and the pharmacology legal psychoactive hexahydrocannabinol
14:30 – 14:45 **Kristýna Hrychová** Dispensability of serine ADP-ribosylation for direct DNA repair
14:45 – 15:15 Coffee break 2

SESSION 4: Molecular biology and medicine (Chair: Darina Paprckova, Ludovica Antiga)

- 15:15 – 15:30 **Sponsor's talk:** Advanced Genetic Solutions from Thermo Fisher
15:30 – 16:30 **KEYNOTE LECTURE: Ewa Pluciennicka, PhD**
16:30 – 16:45 **Poulami Banik** Correcting splicing of Prpf31 in retinitis pigmentosa - A step towards finding a cure
16:45 – 17:00 **Federica Gambini** Novel mouse models to study the pathogenicity of SARS-COV-2
17:00 – 17:15 **Miroslav Stoyanov** Role of Wip1 phosphatase in genome instability
17:15 – 17:30 Short break, voting for the best talk
17:30 – 18:00 PhD agenda, Best Talk announcement
18:00 - Party!