

## Flow & Snow Cytometry Winter School – Preliminary Programme

### Wednesday 8 March 2023

Arrival – late afternoon/evening

18:00 – 19:00 Dinner

19:00 – 21:00 Participant flash talks

### Thursday 9 March 2023

8:30 – 9:15 Flow cytometry basics (Michal Mai)

9:15 – 10:00 Cytometer setup, standardization, controls (Jan Musil)

10:00 – 10:30 Coffee break

10:30 – 11:15 Imaging basics (Zuzana Burdikova)

11:15 – 12:00 Multicolor panel design (Jan Musil)

12:00 – 13:00 Lunch

13:00 – 17:00 Afternoon break

17:00 – 17:45 Spatial biology – Bringing context to single cell data (Jozef Janda)

18:00 – 19:00 Dinner

19:00 – 21:00 Practical Workshop

### Friday 10 March 2023

8:30 – 9:15 Cytometry data analysis workflows in FlowJo (Ondrej Pelák)

9:15 – 10:00 Introduction to the image analysis (Zuzana Burdíkova)

10:00 – 10:30 Coffee break

10:30 – 11:00 Apoptosis and mitochondrial function (Ondrej Honc)

11:00 – 11:30 Small particle cytometry – extracellular vesicles (Michal Konieczny)

11:30 – 12:00 Analysis of cytokines by flow cytometry

12:00 – 13:00 Lunch

13:00 – 17:00 Afternoon break

17:00 – 17:30 Introduction to cell sorting (Ondrej Honc)

17:30 – 18:00 Novel technologies in flow cytometry

18:00 – 19:00 Dinner

19:00 – 21:00 Something creative

### Saturday 11 March 2023

8:30 – 9:15 Imaging flow cytometry applications (Michal Konieczny)

9:15 – 10:00 Multiplex IHC to study tumor microenvironment (Iva Benešová)

10:00 – 10:30 Coffee break

10:30 – 12:00 More talks selected from participant abstracts

12:00 End of scientific programme

12:00 – 13:00 Lunch

**Optional** – possibility to extend your stay until Sunday to enjoy more outdoor and social activities