

T cell workshop 2026

"T cells & friends - the rich tapestry of Immunology"



Program - Thursday 3rd September



9:00 **Jiří Hrdý:** Welcome message
Viktor Černý: CYI welcome & Organizational intro

9:20 **MECHANISMS OF IMMUNE DEVELOPMENT & REGULATION**

9:20 **Radka Roubalová** (*Invited talk*) - Microbes after dark: Microbiome, Sleep, and Immunity

9:50 **Natálie Fikarová** - Immune metabolism in male reproduction

10:10 **Nikola Malinská** - From Mother to Offspring: Immune Cell Transfer During Lactation

10:30 **Aleš Efenberk (Exbio):** Dry Reagents in Flow Cytometry: From Concept to Practical Use

10:45 **Refreshment break**

11:20 **CELL COMMUNICATION & FATE IN IMMUNE REACTIONS**

11:20 **António Pires da Silva Baptista** (*Invited talk*) - Intranodal T cell recruitment for priming

11:50 **Veronika Cimermanová** - Pathogen type and Route of Infection shape Memory CD8⁺ T cell differentiation and reveal a novel TmX Subset

12:10 **Jan Věcek** - Diversity and development of RORγt⁺ eTACs

12:30 **Sponsor talk (Accela):** TBA

12:45 **Lunch break**

13:45 **NOVEL INSIGHTS INTO PATHOLOGIES OF THE IMMUNE SYSTEM**

13:45 **Eliška Krčmářová** - Comparative Analysis of Neutrophils and Complement in Patients with NMOSD and MOGAD

14:05 **Bárbara Oliveira Marmello** - T cell profile in gut inflammation and tolerance

14:25 **Antónia Mikulová** - Deciphering the cellular origin of chronic lymphocytic leukemia

14:45 **Ondřej Vymazal (Beckman Coulter):** Conventional vs. Spectral Flow Cytometry: CytoFLEX Mosaic

15:00 **Refreshment break**

15:35 **ADVANCED METHODS & MODELS IN IMMUNOLOGY**

15:35 **Andrea Gálisová** (*Keynote lecture*) - Programming Extracellular Vesicles for Cancer and Immunotherapy

16:20 **Jan Frič** (*Keynote lecture*) - Toward personalized NK cell therapy for AML: integrating patient and donor profiling with advanced organoid models of the leukemia microenvironment

17:05 **Jan Musil** (*Invited talk*) - Evaluation of fluorochromes for spectral cytometry assay development

17:35 **Sponsor talk (Waters Biosciences):** TBA

17:50 **Viktor Černý:** Conclusions & Day 2 information

18:00 Discussion & Networking with a glass of wine

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