



## *Immunity and immunotherapy in current clinical practice*

Lectures day  
**17.5.2023**  
(see program below)

Charles University, Carolinum, Ovocný trh 560/5, 110 00 Prague - Old Town

**Registration link (max. capacity 40 people):**  
<https://forms.gle/BUHq4B54W6P68hYTA>

**One student spot is still free – send 100 words abstract to [ltbi.biomedic@lfp.cuni.cz](mailto:ltbi.biomedic@lfp.cuni.cz) and get to opportunity to give talk during the seminar.**

The small refreshment and lunches will be provided.



## PROGRAM

**REGISTRATION: 08:00 – 08:45**

**WELCOME: 09:00 - 09:30**

Milena Králíčková (rector of Charles University)

Luca Vannucci (president of Czech Immunological Society)

### MORNING SESSION 9:30-12:30

CHAIR: JAN FRIČ (The Institute of Hematology and Blood Transfusion, Czech Republic)

#### **PART 1**

1. **ANDREAS NICODEMOU** (GAMMA - ZA s. r. o./Institute of Medical Biology, Genetics and Clinical Genetics, Faculty of Medicine, Comenius University, Slovakia)  
*Emerging roles of mesenchymal stem/stromal cell-derived extracellular vesicles in „cell-free“ therapies* - 30min
2. **VALENTINA S CAPUTO** (London South Bank University, United Kingdom)  
*Modulation of immunotherapy targets* - 30min

### **Coffee break (10:30 – 10:45)**

CHAIR: MONIKA HOLUBOVÁ (Faculty of medicine in Pilsen, Czech Republic)

#### **PART 2**

3. **ANTONIA ROTOLO** (University of Pennsylvania, USA)  
*iNKTs and dogs: turning curses into blessings?*
4. **PAVEL OTÁHAL** (The Institute of Hematology and Blood Transfusion, Czech Republic)  
*Chimeric antigen receptor T-cell therapy in the management of hematological malignancies* – 30min
5. **ROMAN MOUČEK** (West Bohemia University, Czech Republic)  
*Needs and possibilities of data science for medicine - open science* – 30min



## LUNCH BREAK 12:15-13:00

### AFTERNOON SESSION 13:00 - 16:30

CHAIR: ANTONIA ROTOLO (University of Pennsylvania, USA), KATEŘINA KRATOCHVÍLOVÁ (Faculty of Applied Science, West Bohemia University)

#### **PART 3 – Students session – short presentations (13:00 – 14:10)**

1. **TEREZA DEKOJOVÁ** (University Hospital Pilsen, Czech Republic)  
*Invariant NKT cells for the treatment of Graft versus Host Disease* – 10min
2. **MAREK JEDLIČKA** (The Institute of Hematology and Blood Transfusion, Czech Republic)  
*NK cell immunometabolism as a tool to immunotherapy enhancement* – 10min
3. **IOANNA PAPATHEODOROU** (Department of Molecular Biology and Genetics, Health Sciences School, Democritus University of Thrace, Greece)  
*Immunology of sepsis and immunotherapy options* – 15min
4. **MARTIN ÚBL** (Faculty of Applied Science, West Bohemia University)  
*Educational simulator for patients suffering from type I diabetes* – 10min
5. **FREE SPOT**

## Coffee break (14:10 – 14:30)

CHAIR: PAVEL OSTAŠOV (Faculty of medicine in Pilsen, Czech Republic)

#### **PART 4 - SETTING UP THE IMMUNOTHERAPY WITH THE HELP OF COMPANIES (14:30-16:30)**

1. **TINE VANDER SYPE** (Life Technologie, EMEA) – 60min  
*Closed, modular, and automated cell therapy manufacturing solutions*
2. **RENATA GRONCZEWSKA** (Sartorius) – 60min  
*See what your cells are doing and when they do it - Incucyte® Live-Cell Analysis System*