

## [Register - HERE](#)

**Location** **Conference Centre City**  
Na Strži 65/1702  
140 00, Prague 4

### Clinical BDB day – 28.2.2023

#### 8:30 - 15:00 Registration

- 9:00** **BD Biosciences - Opening & Welcome**
- 9:15** **Marta González Salinas**  
- Intro to Cytognos portfolio
- 9:30** **Marta González Salinas**  
- BD Biosciences solutions for detection of MRD using Next Generation Flow™ and Infinicyt™ software
- 10:25** **Arantxa Huarritz Sagüés**  
- Demonstration of automated analysis of MM-MRD and BCP-ALL MRD in Infinicyt™ software using the EuroFlow™ databases
- 11:00** **Coffee break**
- 11:30** **prof. MUDr. Tomáš Kalina, Ph.D., Department of Pediatric Hematology and Oncology, 2. LF UK and FN Motol**  
- EuroFlow primary immunodeficiency workflow: a powerful tool for diagnostic patient care
- 12:10** **MUDr. Adam Klocperk, Ph.D., Department of Immunology, 2. LF UK and FN Motol**  
- CD8 T cell populations with exhaustion profiles associate with secondary complications in COVID
- 12:30** **Sylvia Unger**  
- BD Biosciences Next Generation Flow™ solutions in the field of primary immunodeficiencies
- 12:45** **Arantxa Huarritz Sagüés**  
- Demonstration of automated PIDOT analysis workflow in Infinicyt™ software using the EuroFlow™ databases
- 13:00** **Lunch**
- 14:00** **Ondřej Pelák**  
- Discover a fully automated sample preparation and analysis solution with BD FACSTM Duet and BD FACSTM Lyric systems
- 15:00** **Ondřej Pelák**  
- Hands-on experience on BD FACSTM Duet sample preparation system

### Research BDB day – 1.3.2023

#### 8:30 - 14:00 Registration

- 9:30** **BD Biosciences - Opening & Welcome**
- 9:45** **Jens Fleischer**  
- Evolution, challenges and the future of single-cell analysis with BD Rhapsody™ system
- 10:30** **Mgr. Darina Papřková, Laboratory of Adaptive Immunity, Institute of Molecular Genetics**  
- Functional differences in activated naïve and memory CD8+ T cells
- 10:30** **Coffee break**
- 11:00** **Mgr. Jana Balounová, Ph.D., Head of Immunology Unit, Czech Centre for Phenogenomics**  
- Multicolor flow cytometry at CCP
- 11:30** **Mgr. Marcela Kohoutková, Ph.D., Cellular and Molecular Immunoregulation Research Group, FNUSA-ICRC**  
- Functional changes of monocytes and neutrophils as markers of septic shock development and severity
- 12:00** **Mark Dessing**  
- BD FACSDiscover™ S8 Cell Sorter with BD CellView™ Image Technology, the first spectral flow cytometer sorter with sort-capable image analysis
- 13:00** **Lunch + Live hands-on the data from BD FACSDiscover™ S8**