



# PRINCIPAL INVESTIGATOR SEMINAR SERIES AUTUMN 2022

**WHERE:** University Campus, Building B11, Room 205

**WHEN:** Every Friday – from 13:00 September – December (Autumn Semester)

## SEPTEMBER

16/09/2022 **Hans-Heiner Gorris**  
Masaryk University,  
Faculty of Science

Upconversion Microscopy for Background-free Imaging and Analysis of Enzyme Kinetics at the Single Molecule Level



23/09/2022 **Jozef Hritz**  
Masaryk University,  
Faculty of Science

Dimerization – Special Case of Protein-protein Interactions



30/09/2022 **Jakub Harnos**  
Masaryk University,  
Faculty of Science

Assigning Dynamic Behaviors to “Passive” Polarity Proteins Using Vertebrate Embryos



## OCTOBER

07/10/2022 **Jan Preisler**  
Masaryk University,  
Faculty of Science

Nanoparticle Tag Counting for Tissue Imaging Using Infrared Laser Ablation



14/10/2022 **Ondrej Adamovsky**  
Masaryk University,  
Faculty of Science

Gastrointestinal Microbiome as an Important Player in Chemical-induced Adverse Outcomes



21/10/2022 **Stepanka Vanacova**  
CEITEC MU

Multiple Flavors of A: How Adenosine Methylation Affects Cellular Metabolism



## NOVEMBER

04/11/2022 **Eva Budinska**  
Masaryk University,  
Faculty of Science

The Hunt for Microbial Biomarkers in Colorectal Cancer



11/11/2022 **Pavel Plevka**  
CEITEC MU

Enterovirus Genome Release and Delivery



18/11/2022 **Helene Robert Boisivon**  
CEITEC MU

Investigating Seed Development under Warm Temperatures



25/11/2022 **Marek Mraz**  
CEITEC MU

Impact of Microenvironmental Interactions on the Biology of B Cells Malignancies



## DECEMBER

02/12/2022 **Peter Fabian**  
Masaryk University,  
Faculty of Medicine,

Single-cell Sequencing Reveals Specialized Fibroblasts for Protecting the Skeleton



09/12/2022 **Iva Sovadinova**  
Masaryk University,  
Faculty of Science

Chemicals Surrounding Us versus Male Reproductive Health

