



Organized within the framework of the Week of Science and Technology, the Biomedical Research Center of the Slovak Academy of Sciences, in cooperation with the Department for Research and Development of the Slovak Academy of Sciences, cordially invites you to a lecture by

# Dr. EVA BUDINSKÁ

on the topic:

## **Methods for Estimating Metabolic Potential from Whole-Metagenome Sequencing and the Use of Deconvolution Approaches with Potential Applications in Personalized Medicine**

### **Mgr. Eva Budinská, Ph.D.**

Dr. Eva Budinská is the head of the Integrated Bioinformatics and Biostatistics Group at the RECETOX Centre, Faculty of Science, Masaryk University in Brno. She earned her degree in Mathematical Biology and obtained a Ph.D. in Oncology from Masaryk University. Subsequently, she worked as a postdoctoral researcher at the Swiss Institute of Bioinformatics in Lausanne. Her research focuses on developing methods and software tools for the analysis and integration of multi-omics data (genomics, transcriptomics, proteomics, metabolomics, metagenomics) and their application in biomarker detection in oncology.



# 10.11.2025

10:00 - 11:00



**Dionýz Blaškovič Lecture Hall in the building of the Institute of Virology, BMC SAS**



Funded by the European Union  
NextGenerationEU

RECOVERY AND RESILIENCE PLAN



This lecture is organized under the project „Building Bridges of Knowledge: Supporting Diaspora Dialogue for the Modernization of Slovakia“ (No. 10/02-03-V01-00023), coordinated by the Slovak Organisation for Research and Development Activities, and funded by the European Union under the NextGenerationEU initiative through the Recovery and Resilience Plan of the Slovak Republic.