



# FOOD SAFETY

## Training school

### 3-5 June 2026



This project is funded by the European Union under Horizon Europe under Ga No. 101159710

## AGENDA



### Advanced methods and trends in food safety control

Food safety today increasingly relies on a combination of science and technology, where modern approaches to contaminant detection are being developed as a key tool for protecting public health. The focus is on innovative solutions such as biosensors and advanced analytical methods that enable rapid and precise monitoring of the presence of heavy metals, pathogens, and toxins in the food production chain.



Lecturer Room 1  
Laboratory  
BioSense Institute



3<sup>th</sup> of June 2026



10:00 h – 14:00 h



Projekat Know4Nano finansira Evropska unija u okviru programa Horizon Europe, GA. 101159710.

**10:00 – 10:20**

Introduction for microbiology

Dr. Ljiljana Janjušević, BioSense Institute, University of Novi Sad

**10:20 – 10:40**

Biosafety regulation and lab work

Dr. Ljiljana Janjušević, BioSense Institute, University of Novi Sad

**10:40 – 11:00**

Loop-Mediated Isothermal Amplification (LAMP) method as a molecular technique used to amplify DNA or RNA

Dr. Mila Đisalov, BioSense Institute, University of Novi Sad

**11:00 – 12:00**

Practical training on LAMP amplification

Dr. Mila Đisalov, BioSense Institute, University of Novi Sad

**12:00 – 13:00**

Practical application of LAMP in biosensors

Ana Kuprešanin, BioSense Institute, University of Novi Sad

**13:00 – 14:00**

Practical training in microbial cultivation and bacterial suspension preparation

Dr. Ljiljana Janjušević, BioSense Institute, University of Novi Sad



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Amfiteatar "Dr Vasko Sazdovski"  
BioSense Institute  
Dr Zorana Đinđića  
Novi Sad



4<sup>th</sup> of June 2026



10:00 h – 14:30 h



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## AGENDA

Opening Remarks – Challenges and the Future of Food Safety

Dr. Vasa Radonić, BioSense Institute, University of Novi Sad

From Microbiological Risks to Early Detection: What the Food Industry Should Know About Foodborne Pathogens

Dr. Dragoljub Cvetković, Faculty of Technology, University of Novi Sad

Heavy Metals Made Simple

Dr. Ilija Brčeski, Faculty of Chemistry, University of Belgrade

Meat Safety Testing in Transition: Conventional Methods and Emerging Technologies

Dr. Ivan Nastasijević, Institute of Meat Hygiene and Technology, Belgrade

Mycotoxins: Persistent and Growing Challenges in the Era of Climate Change

Dr. Jovana Kos, Institute of Food Technology Novi Sad, University of Novi Sad

Refreshment and Networking Break

Mycotoxin Determination: Challenges and Modern Analytical Approaches

Dr. Jelena Miļjanić, Institute of Food Technology Novi Sad, University of Novi Sad

Biosensor Technologies and Novel Methods for Monitoring Food Contaminants

Dr. Vasa Radonić, BioSense Institute, University of Novi Sad

Panel Discussion: Safety Risks and the Growing Needs of Industry



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Zoom Meeting ID  
752 2605 1673



5<sup>th</sup> of June 2026



11:30 h – 12:30 h



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## AGENDA

11:30 – 12:00

Analytical Strategies for Lipopolysaccharide (LPS) Detection

Dr. Paola Italiani, CNR, Italy rachele.isticato@unina.it

12:00 – 12:30

Bacterial Spore Formation and Detection Technologies

Prof. Rachele Istitato, CNR, Italy, paola.italiani@cnr.it