

The 6th scientific conference
“Youth and Modern Problems of Microbiology and Virology”
Program

Tuesday 25.11.2025

Welcome word

10:30 – 11:00 **Mykola Spivak** – *Professor, Doctor of Biological Sciences, Academician of the NAS of Ukraine, Director of the D.K. Zabolotny Institute of Microbiology and Virology of the NAS of Ukraine (IMV NAS of Ukraine)*

Session I

11:00 – 13:15 **Moderator: Marichka Zlatohurska**, *Candidate of Biological Sciences, IMV NAS of Ukraine*

On-site **Yana Maliarenko** – *Student, IMV NAS of Ukraine*, “Organic acid-mediated phosphate solubilization by *Talaromyces funiculosus* strains”

On-line **Illia Kostiuk** – *PhD student, IMV NAS of Ukraine*, “Quantitative polyresistance assessment of a native chernozem microbial community to combined heavy metal exposure”

On-site **Andriy Lynnyk** – *PhD student, IMV NAS of Ukraine*, “*Lentilactobacillus buchneri* as the protective and enriching culture in breadmaking industry”

On-site **Svitlana Harmasheva** – *Student, IMV NAS of Ukraine*, “Screening of gamma-aminobutyric acid producers among yeasts”

On-site **Andrii Sylchuk** – *PhD student, IMV NAS of Ukraine*, “Newly isolated *Actinomycetes* strains: genome annotation, evolutionary relationships, bioactivity, and biotechnological potential”

On-site **Valeriia Novalska** – *PhD student, IMV NAS of Ukraine*, “Natural isolates and their antagonistic activity against phytopathogenic bacteria”

On-site **Nadiia Shevchuk** – *PhD student, IMV NAS of Ukraine*, “Genotypic and phenotypic characteristics of endophytic *Bacillus* strains with phytoprotective activity”

On-line **Anna Kaplun** – *V.N. Karazin Kharkiv National University*, “Effect of seed bacterisation with lactic acid bacteria on composition and chemotactic activity of wheat root exudates”

On-site **Alina Kharchuk** – *PhD student, IMV NAS of Ukraine*, “Mechanical properties and biocompatibility of poly- β -hydroxybutyrate (PHB) and PHB-hydroxyapatite materials for biomedical applications”

13:15 **Coffee break**



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Session II

10:30 – 12:45

Moderator: Mariia Loboda, PhD, IMV NAS of Ukraine

- On-site **Ivan Roman** – *PhD, Ivan Franko National University of Lviv, “Candidatus Tectomicrobia – terra incognita of microbial diversity and biotechnological potential”*
- On-site **Sofiia Pylypchuk** – *Student, ESC “Institute of Biology and Medicine” of Taras Shevchenko National University of Kyiv, “The effect of Lactiplantibacillus plantarum fermentation on the betalain content in beetroot juice”*
- On-line **Maria Protsenko** – *Student, National University of Food Technologies, “Formation and characterization of selenium nanoparticles synthesized using Saccharomyces cerevisiae M437 and the prospects for their application in the food industry”*
- On-site **Iryna Bida** – *PhD student, IMV NAS of Ukraine, “The resistance of soil microorganisms to heavy metals compounds”*
- On-line **Vitalii Ivanitsa** – *PhD student, Odesa I. I. Mechnikov National University, “Isolation of myxobacteria from Black Sea algae”*
- On-site **Oleksandra Mormil** – *Student, Taras Shevchenko National University of Kyiv, “Primary genomic characterization of Klebsiella bacteriophages isolated in Ukraine”*
- On-site **Marichka Zlatohorska** – *Candidate of Biological Sciences, IMV NAS of Ukraine, “Prohead II heterogeneity in Staphylococcus aureus bacteriophage 812”*
- On-line **Jovana Bogdanovic** – *PhD student, Universitat Politècnica de Catalunya, “Zein-based nanocarriers for delivering biopesticides to control blue mold (Penicillium expansum)”*
- On-site **Mykola Zarudniak** – *PhD student, IMV NAS of Ukraine, “Screening the effectiveness of chemical and biological plant protection products on walnuts bacterial pathogens”*

12:45 – 14:30 **Coffee break**

14:30 – 15:00 **Closing remarks and Award ceremony**

Zoom link for remote participation:

<https://us06web.zoom.us/j/81453303810?pwd=7XmJlOKipsWPeJQnXpUetCgieOB3OI.1>

Meeting ID: 814 5330 3810

Passcode: 2025



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