

CURRICULUM VITAE



SYMOCHKO LYUDMYLA

Associate Professor

Date of birth: 24.06.1977
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Associate Professor: Department of entomology and biodiversity conservation, Faculty of Biology, Uzhhorod National University, 32 Voloshyna St., Uzhhorod, UKRAINE;

Principal Researcher: Institute of Agroecology and Environmental Management of NAAS, 12 Metrolohichna St., Kyiv, 03143, UKRAINE.

SCIENTIFIC PROFILES

ORCID: [0000-0002-6698-3172](https://orcid.org/0000-0002-6698-3172)
Google Scholar: [Symochko_Lyudmyla](https://scholar.google.com/citations?user=Symochko_Lyudmyla)
Web of Science: [Symochko_Lyudmyla](https://www.webofscience.com/wos/authorid/authorid/Symochko_Lyudmyla)
SCOPUS: [Symochko_Lyudmyla](https://scopus.com/authid/detail/authid/Symochko_Lyudmyla)

EDUCATION TA SCIENTIFIC DEGREES

PhD in Biological Sciences, "Ecology"

Institute of Agroecology and Biotechnology UAAS, 2005

Master of Ecology and Environmental Protection

"Podillya" University of Technology (Khmelnyskyi), 2000

SCIENTIFIC TITLES

Professor Associate (Docent), "Entomology and Diversity Conservation"

Uzhhorod National University, 2008

EXPERIENCE

Professor at the Department of Entomology and Biodiversity Conservation

*Uzhhorod National University:
February 2008 to current time*

Principal Researcher

*Institute of Agroecology and Environmental Management of NAAS:
February 2022 to current time*

Principal Researcher

*RD&E Center of Molecular Microbiology and Mucosal Immunology
Uzhhorod (Ukraine):
February 2011 to February 2022*

Associate Professor Department of Entomology and Diversity Conservation

*Uzhhorod National University:
February 2005 - February 2008*

Scientific Researcher

*Institute of Agroecology and Biotechnology UAAS:
November 2001 - November 2004*

SCIENTIFIC FIELDS

- Microbial biodiversity;
- Microbial ecology of aquatic and terrestrial ecosystems;
- Soil resistome;
- Climate change;
- Influence of plants, including herbs on formation of soil microbiome;
- Natural and transformed ecosystems as reservoirs of antibiotic-resistant microorganisms;
- Food security;
- Ecological education;
- Innovative technologies in environmental education.

PROFFECIONAL SKILLS

Microbiological methods:

- Isolation of a certain ecological and trophic group of a microorganism;
- Cultivation of microorganisms;
- Obtaining a pure culture of bacteria;
- Bright-field, dark-field, phase-contrast and electron microscopy.

SKILLS

Languages: English (C1);
Polish (C1);
Lithuanian(C1);
Portuguese (A1)

■ TRAINING

2022, January 24 - April 19 - "Modernization of higher education and science: paradigm of science and technologies innovative development" (University of Rzeszow, Center for Innovation, Technical and Natural Knowledge Transfer, Poland).

2021, January 25 - April 09 - "Methodology of scientific research in the field of education, science and innovation for sustainable development" (University of Rzeszow, Center for Innovation, Technical and Natural Knowledge Transfer, Poland).

2021, March 15 - April 1 - "Environmental engineering: tools for estimation and conservation of soil and water resources according to international standards" (NIÇDE ÖMER HALISDEMİR UNIVERSITY, Turkey).

■ INTERNATIONAL PROJECTS

- 1.«ECO-MICROBIOLOGICAL MONITORING OF VARIOUS TYPES ECOSYSTEMS OF THE CARPATHIAN REGION», N° SR 0116U003331, (2015-2018);
- 2.«BIOLOGICAL DISINFECTANTS AND PREVENTION OF BIOFILMS FORMATION», N° SR 0115U001109, (2015-2016);
- 3.«EFFECTS OF FLUOROQUINOLONE ANTIBIOTIC ON PLANTS GROWTH, MICROBIAL COMMUNITY STRUCTURE AND FUNCTION IN SOIL», N°18032, SAIA, (Slovak Academic Information Agency), (2017);
- 4.«SCIENTIFIC AND METHODOLOGICAL BASES OF OPTIMIZATION OF SOIL MICROBIOME IN AGROECOSYSTEMS», N° SR 0116U000744, (2016-2018);
- 5.«IMPLEMENTATION OF NEW APPROACHES IN THE CREATION AND USE OF MODERN PHARMABIOTICS», N° SR 0117U000379, (2017-2019);
6. «GLOBAL CLIMATE CHANGES AND SUSTAINABLE AGROECOSYSTEMS IN UKRAINE», N° SR 0116U001382, (2016-2020).

■ SCIENTIFIC AND PUBLIC ACTIVITIES

- Participant and co-organizer of numerous international congresses and conferences;
- Member of the editorial board of scientific journals:
 - «American Journal of BioScience» (USA);
 - «Journal of Earth Science and Engineering» (USA);
 - «EC Microbiology» (USA);
 - «International journal of ecosystems and ecology science (IJEES)» (USA);
 - «Journal of International Environmental Application and Science (JIEAS)» (Turkey);
 - «Acta Scientific Microbiology (ASM)» (USA);
 - «Annals of Immunology and Immunotherapy» (All) (USA);
 - «International Journal of Food Science and Agriculture» (USA);
 - «EQA (International Journal of Environmental Quality)» (Italy);
 - «Agroecological Journal» (Ukraine);
 - «Current Research in Wastewater Management» (India);
 - «Current Research in Pharmaceutical Sciences (CRPS)» (India);
 - Chairman of the of the International Association of Universities Environmentalists;
 - Member of Global Soil Biodiversity Initiative;
 - Member of SOMED (Society for Microbial Ecology and Disease);
 - Member of Ukrainian Society for Microbiology;
 - Member of Belgian Society for Microbiology;
 - Member of the All-Ukrainian Public Organization "Association of Agroecologists of Ukraine";
 - General Secretary of the ICEEE (International Council of Environmental Engineering Education).

■ REFERENCES

Author of more than 200 publications, including 80 in professional scientific journals and 22 articles included in WoS and SCOPUS databases and 5 books.