

CURRICULUM VITAE



TSVIGUN VIKTORIYA

PhD in Biology

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ationality: Ukrainian
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SCIENTIFIC PROFILES

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EDUCATION TA SCIENTIFIC DEGREES

PhD in Biological Sciences, "Virology"

*Institute of Agroecology and Environmental Management of NAAS,
2017*

Master of Microbiology and Virology

*Taras Shevchenko National University of Kyiv,
2011*

EXPERIENCE

Head of the laboratory

*Institute of Agroecology and Environmental Management of NAAS:
December 2017 to present time*

Scientific Researcher

*Institute of Agroecology and Environmental Management of NAAS:
February 2013 - December 2019*

SCIENTIFIC FIELDS

- Cucumber and tobacco mosaic virus;
- Prevalence of viral diseases of agricultural plants on the territory of Ukraine;
- Agroecology and biosafety.

PROFFECIONAL SKILLS

Molecular methods:

- Isolation of DNA;
- Polymerase chain reaction (PCR);
- Enzyme immunoassay (ELISA);
- Gel electrophoresis;
- Southern blotting.

SCIENTIFIC AND PUBLIC ACTIVITIES

- Member of the Society of Microbiologists of Ukraine named after S.M. Vinogradskyi (TMU) and FEMS;
- Member of the Ukrainian Society of Geneticists and Breeders named after M. I. Vavilov";
- Head of the group of physico-chemical tests of TL "DAB";
- Lecturer of the course of lectures "Ecology of the biosphere", "Ecology of viruses", "Ecology of microorganisms", "Biosafety", "Eco-safe agricultural technologies";
- Academic supervisor of two graduate students;
- Member of the Public Association of Virologists (GOUAV);
- Member of the All-Ukrainian Public Association of Agroecologists of Ukraine (VGO Association of Agroecologists of Ukraine).

TRAINING

2021-2022, November 29 - February 25 "Modernization of higher education and science: paradigm of science and technologies innovative development" (Center for Innovation, Technical and Natural Knowledge Transfer in University of Rzeszów, Poland)

2021, January 25 - April 9 - "Methodology of scientific research in the field of education, science and innovation for sustainable development" (Center for Innovation, Technical and Natural Knowledge Transfer in University of Rzeszów, Poland)

PREPARED PROJECTS

Competition in the Framework program of the European Union for scientific research and innovation "Distribution and establishment of strain affiliation of Zucchini yellow mosaic virus isolates on vegetable crops in Ukraine" ("Horizon 2020", 2021, Ukraine);

Competition of scientific research and development projects "Science for the safety of man and society" National Research Fund of Ukraine, "Monitoring and identification of the most harmful viruses of vegetable crops and development of means of control over them in Ukraine" (2020, Ukraine).

RESEARCH PROGRAMS

06.00.02.03. F. № DR 0111U001975 "To develop methods for the diagnosis of viruses of agricultural plants and to determine their influence on the sowing qualities of seeds";

06.00.03.03. F. № DR 0116U002330 "Assessment of resistance of agricultural crops involved in selection-genetic, biotechnological processes to Tobamovirus isolates" (2016-2020);

06.00.02.02. F. № DR 0121U109050 "To develop scientific and methodological bases of biological safety of viruses in agroecosystems under conditions of climate change" (2021-2025).

REFERENCES

Author of 36 scientific works, including 2 in publications that are included in the scientometric databases of Scopus or Web of Science, co-author of 3 monographs and 4 methodological recommendations.