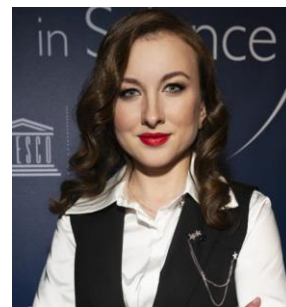


CURRICULUM VITAE

OLHA M. STRILBYTSKA
PhD, Postdoctoral Scientist

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ADDRESS

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PERSONAL

Ukrainian, female, born August 8, 1990.
Home address: 30/47 Siryka street, Nadvirna, 78405, Ivano-Frankivsk region, Ukraine
Languages – English, Ukrainian
Family status: Married, 2 children
Mobile: +380971642209

EDUCATION

2021 – PhD degree in Biochemistry
2013-2019 – Ph.D. student Department of Biochemistry and Biotechnology
2012 – Specialist's degree in Biochemistry
2004 – Bachelor's degree in Biochemistry
2007-2012 – Student in Department of Biochemistry and Biotechnology, Natural Sciences Institute, Vasyl Stefanyk Precarpathian National University, Ivano-Frankivsk, Ukraine

PROFESSIONAL AND RESEARCH EXPERIENCE

2013-present – Laboratory at the Department of Biochemistry and Biotechnology, Vasyl Stefanyk Precarpathian National University, Ivano-Frankivsk, Ukraine.
2012-2014 – Educator in Nadvirna boarding school

CURRENT AREAS OF INTEREST

- Nutrition
- Metabolism
- Aging
- *Drosophila* insulin-like peptides
- Signaling pathways in regulation of aging
- Posttraumatic stress disorder

LABORATORY SKILLS

Physiological methods: fruit fly breeding and maintaining; lifespan assay; fruit fly age-related functional declines (fecundity, mobility, sensitivity to stresses, etc.); capillary feeding assay; "Smurf assay".

Fly dissection: ovaries, midgut, brain.

Biochemical methods: preparation of tissue and cell extracts, enzyme activities assays, measurement of contents of certain metabolites; spectrophotometric determination of the oxidative stress markers.

Genetic method: gene knock down.

AWARDS AND GRANTS

2023 – Verkhovna Rada of Ukraine Award for Young Scientists for 2022

2023 – TOP-10 finalists of the L'Oréal award "For Women in Science – 2023"

2023 – Grant from the Science and Technology Center in Ukraine. Project title "*Drosophila* midgut as a model to study the tissue homeostasis".

2022 – grant for young researchers in the framework of the EIRENE Max Planck-Ukraine Cooperation & Mobility Grant program from the Max Planck Society (Germany)

2022 – Award of the National Academy of Sciences of Ukraine to young scientists for the best scientific works

2021 – Small Research Grant recipient from U.S.-Ukraine Foundation Biotech Initiative

2020 – Grant from the U.S.-Ukraine Foundation Biotech Initiative for the participation in an international conference "Mechanisms of Aging" (NY, virtual)

2019 – The results of the scientific work were selected within the Research Writing Program (United States Department of Defense, Defense Threat Reduction Agency (DTRA), Biological Threats Reduction Program (BTRP)) by Dr. Luis DaSilva (Metabiota Inc., USA) for the financial support to the publication.

PARTICIPATION IN THE PROJECTS

Senior researcher for the state budget theme "Identification of post-traumatic stress disorder markers based on indicators of oxidative stress and inflammation", MESU, **2023-2025**

Junior researcher for the state budget theme "Development of drugs to prolong the duration and quality of life and prevent metabolic disorders", MESU, **2017-2020**

Participant "Nanoparticles in diabetes treatment", STCU, **2017-2019**

Junior researcher for the project "Development of a methodology for integrated assessment of environmental safety of pesticide pollution for target and non-target organisms", NRFU, **2020-2022**.

MEMBERSHIP

Ukrainian Biochemical Society

PUBLICATIONS SUMMARY

Experimental papers – 23; Reviews – 11; Book chapters – 5.

BIBLIOMETRICS

January 2024: Scopus h-index – 12, Citations – 377; Google Scholar h-index – 13, Citations – 495.

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