

Izabelė Šuikaitė

CONTACT INFORMATION

Address Akademijos Str. 2, Vilnius LT-08412, Lithuania
Tel. no.: +37065080795
E-mail: izabele.suikaite@gamtc.lt
<https://www.researchgate.net/profile/Izabele-Suikaite-3>
<https://www.linkedin.com/in/izabelė-šuikaitė-a8b017115/>

EDUCATION AND ACADEMIC DEGREE

2021 – till now PhD student of Ecology and Environmental Science (N012) (Vilnius University and Nature Research Centre).
Thesis: “Alien Bloom-forming Cyanobacteria Distribution, Establishment and Competition with Native Freshwater Species in Temperate Zone”, supervisor – dr. Judita Koreivienė.
Research area: ecology; distribution and establishment of alien cyanobacterial species, interspecific competition, toxicity.

2019 – 2021 Vilnius University, Faculty of medicine, Medical Biology / Master.
Thesis: “Solid-phase and Lymphocytotoxic Assays for Sensitised Recipients Detection”, supervisor – doc. Loretta Bagdonaitė.
Vilnius University, Faculty of Medicine, Department of Immunology.
Research area: medical laboratory diagnostic; transplantation, immunosensitisation assays.

2014 – 2018 Vilnius University, Life Science Center, Biophysics / Bachelor.
Thesis: “Interactions of Amyloid Protein S100A9 with the Tehered Bilayer Lipid Membranes”, supervisor – dr. Rima Budvytė.
Institute of Biochemistry, Department of Bioelectrochemistry and Bioelectroscopy.
Research area: biophysics; artificial phospholipid membranes, amyloid proteins.

RESEARCH INTERESTS

Research area: distribution and establishment of alien cyanobacteria in the temperate zone, composition of cyanobacteria in eutrophic lakes (microscopy, analysis of environmental variables). Interspecific competition in freshwater communities. Analysis of secondary metabolite production by biochemical and chromatographic methods (ELISA, HPLC). Phylogenetics, analysis of cyanotoxins and functional genes (PCR, genome sequencing). Cultural collections.

INTERNSHIP AND TRAINING

2021. 10 – Internship in the Synthetic Organic Chemistry Laboratory, Institute of Natural
2021. 12 Products and Agrobiologia (Instituto de Producto Naturales y Agrobiologia, IPNA), Tenerife, Spain.

PARTICIPATION IN SCIENTIFIC CONFERENCES

International scientific conferences:

1. Šuikaitė I., Koreivienė J., Karosienė J. 2022. “Alien species *Raphidiopsis raciborskii*, *Cryosporum bergii* and *Sphaerospermopsis aphanizomenoides* in the cyanobacteria community of two hypereutrophic Lithuanian lakes”. – 22nd Symposium of “The International Association of Cyanohyte/Cyanobacteria Research”, August 14-18, České Budějovice, Czech Republic. <https://www.iac2022.cz/home>.