



CONTACT

+ 359 898 766 168

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Orcid ID: 0000-0002-0207-5220

LANGUAGES

Bulgarian - Native
English
Russian

GENERAL EXPERIENCE –

7 years

SCIENTIFIC

Ivanina Vasileva

ASSISTANT PHD

SCIENTIFIC INTERESTS:

- Cultivation of microalgae,
- Separation and analysis of proteins,
- Enzyme assays,
- Lipid extraction,
- Spectroscopic analyses,
- Physiological-biochemical analyses

EDUCATION AND SPECIALTY:

- 2009 - 2013 SU "Sveti Kliment Ohridski", Faculty of Biology
- speciality: "Biotechnologies"
- qualification: BACHELOR;
- 2013 - 2015 SU "Sveti Kliment Ohridski", Faculty of Biology
- speciality: "Plant Biotechnology"
- qualification: MASTER

ACADEMIC CAREER:

- 2022 - Academic position – "Assistant"
- 2019 - Educational and scientific degree "PhD"

SCIENTIFIC FIELD:

- Scientific field: 4. Natural sciences, mathematics and informatics
- Professional direction: 4.3. Biological Sciences, Science Major: Biochemistry



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LONG-TERM STUDY AND SCIENTIFIC EXPERIENCE ABROAD:

- Erasmus study in Belgium, University of Antwerp
- Erasmus internship in the Czech Republic, University of South Bohemia
- EBR mobility in the Czech Republic, Institute of Botany, CHAN

Ivanina Vasileva

ASSISTANT PHD

MAJOR SCIENTIFIC ACHIEVEMENTS:

- Research of new strains of Bulgarian green microalgae and cyanoprokaryotes to assess their biotechnological potential;
- Selection of appropriate nutrient media for optimal cultivation, including those from bio sludge obtained in the production of biomethane from agricultural waste;
- Investigation of antitumor, antibacterial and antifungal activity of products from different strains of microalgae;
- Investigation of the isoenzyme profile and the activity of basic antioxidant and metabolic enzymes under different cultivation conditions (suboptimal and superoptimal temperature, drought, low-temperature stress) of microalgae and higher plants (*Haberlea rhodopensis*, *Primula* sp., etc.);
- Analysis of the protein and non-protein composition of leguminous seeds (soybean, bean, *Lotus corniculatus*, Bitter vetch, etc.);
- Isolation and purification of selected protease inhibitors.

SCIENTIFIC PUBLICATIONS AND CITATIONS FOR THE GENERAL SCIENTIFIC EXPERIENCE:

Total number of scientific publications – over 20;
Confirmed citations in the country and abroad – over 125 (h-index 4; Google Scholar)

NUMBER OF GUIDES AND PARTICIPATION IN SCIENTIFIC PROJECTS AND TASKS:

- Management of three research projects at the Ministry of Education and Science and National Science Programs
- Participation in five international research projects
- Participation in four scientific research projects at the Scientific Research Fund