

Curriculum vitae

Name: **Bettina UGHY, PhD**
Nationality: Hungarian
Work Address: HUN-REN Biological Research Centre, Szeged
 H-6726 SZEGED, Temesvári krt. 62.
 Hungary
E-mail: ughy.bettina@brc.hu

Educations:

University Attila József, Chemistry Msc (1998)
 University Attila József, Library information science MA (1999)
 University of Szeged, Biology PhD (2006)
 Université de Paris-Sud XI, Chemistry PhD (2006)

Work places:

2023 - Senior Research associate – HUN-REN BRC
 2019 - 2023 Senior Research associate – BRC ELKH
 2006 - 2019 Research associate – BRC HAS
 2015 - 2016 Research associate – ELI-HU Non-Profit Ltd
 2002 - 2006 Junior research associate – BRC HAS

Job related experiences:

2006 (3 months) CEA Saclay (France) Scientific fellowship of the French Government
 2006-2008 CNRS, Laboratoire Biologie Moléculaire Eukaryotes (France) Postdoctoral fellowship
 2010 (3 months) UNT Health Science Center, Texas (USA) Invited Scientist (Short term scholar)
 2011 (3 months) UNT Health Science Center, Texas (USA) Invited Scientist (Short term scholar)
 2013 (3 months) CEA Saclay (France) CNRS invited researcher

Research interest:

Biotechnological application of microalgae, Bacterial cell division, Microalgal stress adaptation, Characterization of microalgae with molecular biology tools and proteomic approach, Membrane organization and composition, Screening of bioactive compounds.

Giving courses at the University of Szeged for BSc, MSc and PhD students.
 Supervising research projects of BSc, MSc and PhD students.

Important Grants:

Project leader in the BRC:

H2020-FNR-2020-2 Grant agreement N° 101000501, Algae4IBD, <https://algae4ibd.eu/> (2021-2025) In the project we study under- and unexplored algae and look for compounds with pain-relieving, anti-inflammatory, prebiotic, or antibiotic effects.

GINOP-2.3.2-15-alkalmazott mikroalga törzseken alapuló preventív célú takarmány kiegészítők hatékony termelése és intenzív halgazdaságokban történő hasznosítása”

“Utilization and efficient production of immune stimulating, newly isolated microalgae-based feed supplements in fish farms”

Main participant:

OTKA K-128679 (2018-2022) Lipid polymorphism of thylakoid membranes.

Structural entities, membrane dynamics, photosynthetic functions

OTKA K-82052 (2010-2014) Role of phosphatidylglycerol in cyanobacterial cell fission

HURO/0901/270/2.2.2. „Biosensor Plant” (2011-2012)

Fellowships:

HAS PhD scholarship
CEA DRI fellowship
Marie Curie Host Fellow – PhD scholarship
French Government PhD scholarship
HAS Young researcher fellowship
French Government Scientific fellowship
HAS Bolyai János Scientific Fellowship
Bolyai+ fellowship

Honors:

2008 Young Scientist Prize of the Hungarian Academy of Sciences
2015 Young Talents Award - International Meeting Photosynthesis Research for Sustainability, Crete,(Greece)
2017-2021 GINOP-2.3.2-15-2016-00058 “Utilization and efficient production of immune stimulating, newly isolated microalgae-based feed supplements in fish farms” Scientific project leader in the Biological Research Centre HAS
2017-2019 Bolyai Fellowship, Bolyai János Scientific Fellowship of the Hungarian Academy of Sciences
2018-2019 Bolyai+ Fellowship UNKP-18-4 New National Excellence Program of the Hungarian Ministry of Human Capacities
2019-2020 Bolyai+ Fellowship UNKP-19-4 New National Excellence Program of the Hungarian Ministry of Human Capacities
2021 Bolyai “emléklap”

Foreign languages: English, French

Other qualification: Basic Intellectual Property Rights qualification “Alapfokú Iparjogvédelmi Képesítés” 2021

Publications:

https://m2.mtmt.hu/api/publication?cond=published;eq=true&cond=core;eq=true&cond=authors.mtid;eq;10025379&sort=publishedYear,desc&sort=firstAuthor,asc&size=20&fields=template&&cite_type=2&page=1&labelLang=eng