

GERGELY MARÓTI

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Date and place of birth: 3rd April 1978; Kecskemét, Hungary



Education

2005 Ph.D. Biology, University of Szeged, Hungary
2008 M.Sc Business Administration, University of Szeged, Hungary

Present and previous work addresses and positions

2020- **Biological Research Center, Institute of Plant Biology, Szeged, Hungary**
MOMENTUM Group Leader, Algal and Microbial Genomics Group

2012- Biological Research Center, Hungarian Academy of Sciences, Institute of Plant Biology, Szeged, Hungary
Associate Professor, Algal and Microbial Genomics Group

2011-2016 Politehnica University, Timisoara, Romania
Project Leader, Biomass-based Energy

2009- Seqomics Biotechnology Ltd. www.seqomics.hu
Co-Founder, CSO

2006-2007 J. Craig Venter Institute, Rockville, Maryland, USA
Post-Doctoral Fellow, Synthetic Biology & Bioenergy (in the team of the Nobel-Laureate Hamilton O. Smith)

Professional Affiliations

YAE Member (Young Academy of Europe)
Hungarian Biochemistry Association
Hungarian Society for Microbiology
European Federation of Biotechnology

Professional Activities

Scientific Journal Editor
Frontiers in Microbiology
Cells

Horizon 2020 and HE Expert Evaluator (MSCA-IF, MSCA-ITN (DN), MSCA-COFUND, H2020-LEIT-BIO, HE-ZEROPOLLUTION, HE-CINEA, etc.)

Horizon 2020 Expert Monitor

OPUS NCN Evaluator (Poland)

Publications and Citation Summary

Cumulative Impact Factor:	556.36
Number of Publications:	153
First-author Publications:	17
Corresponding author:	39
Total Citations:	5350
Hirsch-index:	37

Profile

Researchgate: https://www.researchgate.net/profile/Gergely_Maroti

Google Scholar: https://scholar.google.hu/citations?user=pif_rvIAAAAJ&hl=hu&oi=ao

Awards

LENDÜLET (MOMENTUM)-Grant-2020

Bolyai Certificate -2021

Burgen Scholar Prize of the Academia Europaea -2017

János Bolyai Scholarship -2017

Zoltán Magyary Scholarship -2013

Le Prix de la Recherche – Publication Award of the French Academy -2011

Sófi-József Prize, 1st Prize – 2004

The Prize of the Hungarian Republic - 2001

OTKA-Élet és Tudomány Publication Award, 1st Prize - 2001

Languages

English - negotiation level

German - communication level

Areas of Expertise

Microbial Genomics, Green Algae, Algal Biostimulants, Symbiosis Research, Photosynthetic Microbes, Algal-Bacterial Interactions, Microbial Gas Metabolism

Techniques

Meta-omics Applications in complex Ecosystems, Microbial Interaction studies, Enzyme Discovery, Environmental Profiling

Metabolic Engineering, Algae Manipulation

Working with Photosynthetic Microbes

NGS Data Evaluation, Bioinformatic Analysis (CLC Genomics, Mira, etc.)

Major research grants (selection)

LENDÜLET (MOMENTUM) Grant- Extracellular Electron Transfer in Interkingdom Interactions
NKFIH-OTKA-FK-123899 - Molecular actors and mechanisms of inter-kingdom algal-bacterial interactions

Norway Grant - Two-stage biodegradation of contaminating wastes linked to bioenergy generation using genomic approaches

BIOSIM - Simultaneous biohydrogen production and wastewater treatment by selectively enriched anaerobic mixed microbial consortium

ALGOLABH - Development of novel algae-based hydrogen producing systems

CELLUGEN - Identification and discovery of novel industrial enzymes using metagenomics approach

SYMBIOTICS – Key member of the ERC Advanced Grant