

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

Present and previous work addresses and positions

- 2012- Biological Research Centre, Hungarian Academy of Sciences, Institute of Plant Biology, Szeged, Hungary
Full Professor, Microbial Genomics
- 2011-2016 Politehnica University, Timisoara, Romania
Project Leader, Biomass-based Energy
- 2008-2012 Bay Zoltán Research Foundation, BayGen Institute Szeged, Hungary
Research Leader, Bioenergy, Microbial Genomics
- 2006-2007 J. Craig Venter Institute, Rockville, Maryland, USA
Post-Doctoral Fellow, Synthetic Biology & Bioenergy (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 Activity

Scientific Journal Editor

Frontiers in Microbiology

Scientific Journal Reviewer

Microbial Cell Factories
BMC Microbiology
Journal of Industrial Microbiology & Biotechnology
PLoS One
Green Chemistry
Bioresource Technology

Horizon 2020 Expert Evaluator (MSCA-IF, MSCA-ITN, H2020-LEIT-BIO)

Publications and Citation Summary

Cumulative Impact Factor:	262.228
Number of Publications:	82
First-author Publications:	15
Corresponding author:	13
Total Citations:	1820
Hirsch-index:	22

Profile

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

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

Awards

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

Young Biotechnologist Prize – 2002

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

Languages

Hungarian - native

English - negotiation level

German - communication level

Areas of Expertise

Microbial Genomics, Microbial Interactions, Anaerobic Degradation Ecosystems, Symbiosis Research, Photosynthetic Microbes, Algal-Bacterial Interactions

Techniques

Meta-omics applications in various complex ecosystems, microbial interaction studies, enzyme discovery, environmental profiling

Metabolic Engineering

Mutagenesis Techniques in Prokaryotes

DNA, RNA Manipulation

Protein Purification

Working with Photosynthetic Microbes

Working with Anaerobic Prokaryotes and Archaea

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

Major research grants (selection)

Project leader, coordinator of consortium: *Norway Grant* - Two-stage biodegradation of contaminating wastes linked to bioenergy generation using genomic approaches (2015-2017)

Project leader, coordinator of consortium: *BIOSIM* - Simultaneous biohydrogen production and wastewater treatment by selectively enriched anaerobic mixed microbial consortium (2012-2016)

Project leader: *ALGOLABH* - Development of novel algae-based hydrogen producing systems (2010-2013)

Project leader: *CELLUGEN* - Identification and discovery of novel industrial enzymes using metagenomics approach (2009-2010)

Key Member: *SYMBIOTICS* - ERC Advanced Grant to Eva Kondorosi (2011-2016)