



Dr. Gábor Rákhely

Group leader, Principle Investigator
Institute of Biophysics
Biological Research Center Szeged



SCIENTIFIC DEGREES

- 1985.** Diploma, Chemist (*Attila József University, Szeged, Hungary*)
- 1995.** Dr. Univ., Biology (*University of Szeged, Szeged, Hungary*)
- 1997.** PhD, Molecular biology (*University of Szeged, Szeged, Hungary*)
- 2013.** Habilitation, Biology, (*University of Szeged, Szeged, Hungary*)

PUBLICATION PARAMETERS

In extenso publications:	130
Cumulative IF:	532.648
Citations:	3222/3998
Book chapters:	10
University lecture notes:	3
Hirsch index:	35

CURRENT POSITIONS

- 1998 –** Senior research associate, *Biological Research Center, Institute of Biophysics, Szeged, Hungary*
- 2012 –** Head of Department of Biotechnology, Associate Professor, *University of Szeged, Szeged, Hungary*

EXTERNAL WORKPLACES

- 1995–1995.** 2 months, researcher, HASF fellowship, *University of Georgia, Athens, USA*
- 1996–1996.** 2 months, researcher, HASF fellowship, *University of Georgia, Athens, USA*

NOTABLE INTERNATIONAL RESEARCH GRANTS

- 2006–2010.** EU FP6 (Grant agreement ID: 19825), “Hyvolution”, member of management committee, 430 000 Euro.
- 2006–2010.** EU FP7 (Grant agreement ID: 212508), “SOLARH2”, participant, 176 500 Euro.
- 2013–2014.** IPA HUSRB (HUSRB/2103/214/250), “Novel natural antimicrobial agents for bacterial pathogen control”, institutional project leader, 98 450 Euro.

NOTABLE NATIONAL RESEARCH GRANTS

- 2014–2016.** Norwegian Financial Mechanism 2009-2014 (HU09-0044-A1-2013), “ Establishment of a high-throughput molecular bioremediation centre”, institutional project leader, 31 009 575 HUF.
- 2016–2017.** Norwegian Financial Mechanism 2009-2014 (HU09-0101-A2-2016), “Next-generation environmentally sound plant protection against bacterial pathogens”, institutional project leader, 32 253 850 HUF.
- 2017–2021.** EFOP (EFOP-3.6.2-16-2017-00010), “Sustainable raw materials: thematic network”, project leader, Szeged, 345 000 000 HUF / 1 420 000 000 HUF.
- 2017–2021.** EFOP (EFOP-3.6.1-16-2016-00008), “Development of intelligent life science technologies, methods, applications and establishment of innovative processes and services based on the Szegedien knowledge base”, senior researcher participant, 67 900 000 HUF / 3 617 301 825 HUF.

NOTABLE INFRASTRUCTURE DEVELOPMENT GRANTS

- 2009-2012.** TIOP (TIOP 1.3.1-07/2-2F-2009-0004), “The Southern Plains „Tudáspólus” higher education infrastructure development”, leader of subproject, 119 955 215 HUF / 7 726 705 732 HUF.
- 2016-2019.** GINOP (GINOP-2.3.3-15-2016-00006), “Integrated lifes science and active agent research and development centre linked to microbial genbank”, leader of subproject, 65 935 631HUF / 635 496 795 HUF.

NATIONAL INDUSTRIAL COOPERATION GRANT

- 2009-2012.** NTP/TECH 09 (TECH-09-A1-2009-0099), “Establishment of a phage therapy centre”, institutional project leader, 69 700 000 HUF.
- 2010-2012.** GOP 1.1.1 (GOP-1.1.1-09/1-2010-0108), “Development of an integrated, trainable monitoring and biotechnological intervention controlling technology for wastewater drainage and and purification ”, institutional project leader, 35 000 000 HUF.
- 2014-2016.** Norwegian Financial Mechanism 2009-2014 (HU09-0044-A1-2013), “Establishment of a high-throughput molecular bioremediation centre”, institutional project leader,, 31 009 575 HUF.
- 2016-2017.** Norwegian Financial Mechanism 2009-2014 (HU09-0101-A2-2016), “Next-generation environmentally sound plant protection against bacterial pathogens”, institutional project leader, 32 253 850 HUF.
- 2017-2021.** GINOP 2.2.1 (GINOP-2.2.1-15-2017-00100), “Construction of the prototype of a reactor plant based on continuous HTC technology capable of processing biomass, sewage sludge and other substrates”, coordinator/leader of Szegedien institutes, 304 947 826 HUF / 1 213 217 020 HUF.

NATIONAL EDUCATIONAL DEVELOPMENT GRANT

- 2013-2015.** TÁMOP 4.1.1.C (TÁMOP-4.1.1.C-12/1/KONV-2012-0012), “Green Energy Cooperation in Higher Education”, institutional project leader, 285 000 000 HUF.
- 2013-2015.** TÁMOP 4.1.1.C (TÁMOP-4.1.1.C-12/1/KONV-2012-0014), “University Cooperation related to food safety and gastronomy, DE-SZTE-EKF-NYME”, participant, 22 734 000 HUF / 435 300 000 HUF.

AWARDS AND DECORATIONS

- 1992.** 1 year fellowship of the “Hungarian Science Foundation”.
- 1994.** Young Scientist Research Fellowship of Hungarian Academy of Sciences.
- 2001-2004.** Békéssy György postdoctoral fellowship.
- 2005.** Prize of the Rector, University of Szeged
- 2006-2007.** Öveges József Prize
- 2011.** Master Teacher Gold Medal
- 2018.** Gold chalk prize

EDUCATIONAL ACTIVITIES

- B.Sc. supervision:** 150 supervisions
- M.Sc. supervision:** 120 supervisions
- Ph.D. supervision:** 21 supervisions

1992. English, intermediate level

MISCELLANEOUS ACTIVITIES

Memberships

- 1995- Hungarian Society of Biophysics, member
- 1999- Hungarian Society Microbiology, member
- 2009-2019 Hungarian Society Microbiology, Controlling Committee, member
- 2006- Hungarian Society of Bioinformatics, member
- 2011- Microbiology Committee of Biology Section of Hungarian Academy of Sciences, member
- 2012- Hungarian Society of Innovation, member
- 2014- Society of Environmental Services and Manufacturers, member
- 1999 - 2002 COST 8.18, member
- 2001 - 2004 COST E.23, member
- 2003 - 2006 COST 8.41, member
- 2007 - 2011 COST 8.68, Member of the Management Committee
- 2004 - European Federation of Biotechnology, member
- 2005 - The International Society of Extremophiles, member
- 2010 - American Society for Microbiology, member
- 2012 - Expert Group member, European Federation of Biotechnology, Environmental Biotechnology Section

Public activities

- 2008 - 2014 Management Director, Association of the Biological Departments of University of Szeged,
- 2008 - 2020 Management Board of Faculty of Science and Informatics, University of Szeged.
- 2011 - 2015 Deputy head of PhD School of Environmental Sciences, University of Szeged.
- 2011 - 2015 Member, PhD Board of Faculty of Science and Informatics, University of Szeged.
- 2011 - 2015 Director, Institute of Environmental Sciences, University of Szeged.
- 2011 - 2015 Director, Institute of Environmental Sciences and Technology, University of Szeged.
- 2011 - 2020 Member, Board of Faculty of Science and Informatics, University of Szeged.
- 2011 - 2020 Member, Presidency of Faculty of Science and Informatics, University of Szeged.
- 2011 - 2020 Member, Council of the Advisory Board of Department Leaders, University of Szeged.
- 2012- Head of Department of Biotechnology, University of Szeged.

Conference organizations

- 2007. Hyvolution, EU project, conference organization, Szeged.
- 2009. Hyvolution, EU project, conference organization, Szeged
- 2011. EBSA Biophysics Course on Solar Energy, Szeged, 2011, lecturer.
- 2010. SOLARH2 International Summer School organization, Szeged.
- 2013. 10. International Hydrogenase Conference organization, Szeged
- 2016. XV. National Scientific Students' Associations Conference, Environmental Sciences Section, Szeged, Chief organizer
- 2019. II. Sustainable Raw Materials Conference and International Project Week, Szeged, Chief organizer.
- 2022 National Conference of Young Biotechnologists, Gödöllő, Hungary
- 2023 XVIIIth Carpathian Basin Conference for Environmental Science

Education Bioinformatics in higher education, Supervisor of specializations in Bioengineering BSc and Biology MSc.



62. Temesvari krt.
Szeged, Hungary
6726



+36 (62) 599-640



rakhely.gabor@brc.hu