

Curriculum Vitae

DR. GABOR MAASZ – research fellow

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PERSONAL DATA

Date of birth: 12.10.1986
Place of birth: Pécs, Hungary

EDUCATION

1993-1997 Eötvös József Elementary school, Csurgó, Hungary

1997-2005 Nagyváthy János Grammar school, Csurgó, Hungary

2005-2010 University of Pécs, Medical School
Pharmacy program

2010-2013 University of Pécs, Medical School
Institute of Biochemistry and Medical Chemistry
Interdisciplinary Doctoral School – **PhD student**

2013-2014 University of Pécs, Medical School
Institute of Biochemistry and Medical Chemistry
Interdisciplinary Doctoral School – **assistant professor**

2014-2017 Hungarian Academy of Sciences, Office for Research Groups,
Adaptive Neuroetiology research Group – **research fellow**

2017-2020 Hungarian Academy of Sciences, Centre for Ecological Research,
Balaton Limnological Institute – **Post Doc OTKA**

LANGUAGE SKILLS

German intermediate language exam "C" type
German vocational language exam (University of Pécs, Medical School)
English intermediate language exam "C" type

DEGREES

2010 M.Sc. – *pharmacy doctor*
University of Pécs
Medical School
Pharmacy program

2015 Ph.D.
University of Pécs
Interdisciplinary Doctoral School

2022 Water and Wastewater Treatment System Operator Specialist
University of Pannonia

2021 Habil.
University of Pécs
Interdisciplinary Doctoral School

TITLE OF PH.D. DISSERTATION

Investigation of effect of PACAP to the central nervous system by mass spectrometry technics

ACADEMIC POSITIONS

2013-2014 Research Fellow
Human Reproduction Research Group
University of Pécs, Hungarian Academy of Sciences

2014-2017 Research Fellow
Adaptive Neurobiology Research Group (National Brain Project)

2017- 2020 Research Fellow
Balaton Limnological Institute, Centre for Ecological Research, Hungarian Academy of Sciences

PUBLIC AND OTHER ACTIVITIES

2005-2010 member of Undergraduate Research Committee
2007-2010 member of presidency of Undergraduate Research Committee Tudományos
2009 member of organizing committee of National Undergraduate Research Conferences
2009-2010, 2010-2011, 2011-2012 member of Medical School council at University of Pécs
2009-2010 member of Educational Committee of Medical School at University of Pécs
2009-2010 member of Committee on Science of Medical School at University of Pécs
2012-2014 delegate of Interdisciplinary Doctoral School of Medical School at University of Pécs
2012-2013 scientific delegate of PhD student government of Medical School at University of Pécs

AWARDS

2010 3rd place award at Undergraduate Research Conferences (University of Pécs)
2010 Dr. Mestyán Gyula prize, University of Pécs Medical School

2010 Rector's Certificate of Merit about the undergraduate scientific work
2016 PhD dissertation of Gabor Maasz is awarded by the "Foundation for the Hungarian Pharmaceutical Research" non-profit organization.
2018 „Outstanding Young Researcher of Veszprém Regional Committee” – HAS Veszprém Regional Committee
2020 „Science for environmental protection Young Award” – Hungarian Academy of Sciences

TRAININGS AND FELLOWSHIPS

2011 Certified GLP investigator
2012 Maxis 4G UHR Q-TOF basic operator training
2013 MALD basic operator/Proteomics training
2013 MALDI-Imaging-Basic training
2013 Statistical Data Analysis with ClinProTools training
2013 Apáczai Csere János Doctoral Studentship (A2-ACSJD-13-0302)
2015 Campus Hungary Studentship (B2/1R/18389)
2016 Scholarship for National Young Talents, National Talent Program (NTP-NFTÖ-16) (NTP-NFTÖ-16-089)
2017-2020 postdoctoral OTKA Grant by NKFIH (PD_17 OTKA-124161)
2020-2024 „Bolyai János Research Grant” – HAS Bolyai Foundation
2020-2022 „Bolyai+ Higher Education Young Teacher and Researcher Grant” in the New National Excellence Program – Ministry for Innovation and Technology

STUDY TRIPS - STIPENDS

2012 (4 days)	Bruker Daltonik GmbH, Bremen, Germany Maxis 4G UHR Q-TOF basic operator training
2013 (3 weeks)	University of Sao Paulo, Institute of Biomedical Sciences, Department of Pharmacology University of Rio de Janeiro, FISCLINEX/FCM/UERJ
2013 (2 weeks)	Bruker Daltonik GmbH, Bremen, Germany MALDI basic operator/Proteomics, MALDI-Imaging-Basic, Statistical Data Analysis with ClinProTools
2015 (2 month)	The George Washington University, Washington, USA Prof Akos Vertes
2017 (1 week)	Vrije Universiteit Amsterdam, Dr. Joris Koene

RESEARCH PROJECTS

Principal Investigator

OTKA PD, 124161 (2017.09.01-2020.08.31) – 15.219.000 Ft
Monitoring of psychoactive drug contaminations and investigation of the induced biomolecular changes by mass spectrometry techniques

Member

TÁMOP, TÁMOP-4.2.2.A-11/1/KONV-2012-0053 (2012.10.01 – 2014.09.30) –

755.400.000 Ft

Prof. Bódis József – Investigation of markers influencing the success of in vitro fertilization

KTIA, KTIA_NAP_13-2-2014-0006 (2014.01.01-2017.12.31) – 161.322.000 Ft

Dr. Pirger Zsolt – Cellular and synaptic changes in simple neural networks in adaptation responses

NKP, 2017-1.2.1-NKP-2017-00002 (2018.01.01-2021.12.31) – 6.500.000.000 Ft

Prof. Freund Tamás – National Brain Project 2.0

KKP, 126764 (2018.01.01-2022.12.31) – 230.617.000 Ft

Prof. Orbán László – Analyses of factors regulating fish sex using genomic tools

OTKA FK, 131426 (2019.12.01-2023.11.30) – 38.774.000 Ft

Dr. Takács Péter – Phylogenetic and evolutionary ecological studies on characteristic fish species of the Carpathian Basin by combining the power of traditional and advanced methods

CONFERENCE ORGANIZATION

2012 1st Doctoral Workshop on Natural Sciences (member of organizing Committee)

2013 Interdisciplinar Doctoral Conference 2013 (president)

2013 2nd Doctoral Workshop on Natural Sciences (vice president)

2014 Interdisciplinar Doctoral Conference 2014 (member of organizing Committee)

2015 13th Symposium on Invertebrate Neurobiology (member of organizing Committee)

2019 1st Symposium on Invertebrate Neuroscience (ISIN) (member of organizing Committee)

2021 3rd International Environmental Chemistry Congress (scientific committee member)

2022 4th International Environmental Chemistry Congress (scientific committee member)

2022 8th Soós Ernő International Scientific Conference, Water and wastewater treatmentin the industry 2022 (scientific committee member)

MEMBERSHIP OF LEARNED SOCIETIES

2010 – Hungarian Pharmacy Sciences Society

2010 – Hungarian Chemists Association, Mass Spectrometry Section

2011 – Hungarian Chamber of Pharmacy

2011 – Hungarian Proteomic Society

2012 – Hungarian Separation Sciences Society

2012-2013 – member and scientific delegate of PhD student government of Medical School at University of Pécs

2014 – Hungarian Neuroscience Society (MITT)

2014 – Federation of European Neuroscience Society (FENS)

2014 – COST (European Cooperation in Science and Technology)

MEMBERSHIP OF EDITORIALS

2019 – Biologica Futura (member of editorial board)

TEACHING

2009-2015 Analytical Chemistry (Medical School at University of Pécs)

2012-2016 General and Inorganic Chemistry (Medical School at University of Pécs)

2013-2014 Medical Chemistry (Medical School at University of Pécs)

2012-2019 Mass spectrometry (Medical School at University of Pécs)

2013-2014 Chemistry of death (Medical School at University of Pécs)

2014-2015 Tasks in quantitative analytical chemistry (Medical School at University of Pécs)

2020-2021 General and Inorganic Chemistry (Faculty of Engineering at Pannonia University)

2020-2021 Chemical analysis (Faculty of Engineering at Pannonia University)

REVIEWER ACTIVITIES

Molecules, Fishes, Journal of Biologia, PloS ONE, Proteomes, Microchemical Journal, International Journal of Molecular Science, Science of The Total Environment, Acta Biologica Hungarica, Malacologia, Hacettepe Journal of Biology and Chemistry, Journal of Food Composition and Analysis, Journal of Proteomics, Heliyon

PLENARY LECTURE

2019 2nd International Environmental Chemistry Congress, Antalya (Turkey)

Gabor Maasz: Investigation of water pollution and environmental risk occurred by pharmaceutically active compounds



Dr. Gabor Maasz