

CURRICULUM VITAE

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NAME: Balázs Hangya
DATE OF BIRTH: 28/10/1980
PLACE OF BIRTH: Budapest, Hungary
NATIONALITY: Hungarian
MAILING (OFFICE) ADDRESS:
Institute of Experimental Medicine
Szigony utca 43.
H-1083 Budapest
Hungary

POSITIONS:

2015 - Principal Investigator, Institute of Experimental Medicine, Hung. Acad. Sci.,
Budapest, Hungary
2010 - 2015 Postdoctoral Fellow, Cold Spring Harbor Laboratory, Cold Spring Harbor,
New York, USA
2006 - 2010 PhD Student, Institute of Experimental Medicine, Hung. Acad. Sci.,
Budapest, Hungary (János Szentágothai School of Ph.D. Studies,
Semmelweis University, Budapest, Hungary)

FELLOWSHIPS:

2013 - 2015 Marie Curie International Outgoing Fellowship
2011 - 2012 Swartz Fellowship for Theoretical Neuroscience

EDUCATION:

2006 - 2010 János Szentágothai School of PhD Studies, Semmelweis University,
Budapest, Hungary; degree: PhD (summa cum laude)
2001 - 2007 Eotvos Lorand University, Budapest, Hungary; Mathematics Programme,
specialization in Probability Theory and Statistics; degree: MSc (excellent)
1999 - 2006 Semmelweis University, Budapest, Hungary; Medical School; degree: MD
(summa cum laude)

AWARDS AND MAJOR GRANTS:

2017 - 2022 ERC Starting Grant
2015 - 2020 'Momentum' Starting Grant of the Hungarian Academy of Sciences
2011 'Junior Prima' Award for young Hungarian scientists (7000 Euros)
2010 EBBS-FENS Student Award granted by the European Brain and Behaviour
Society

JOURNAL REVIEWING:

Science, Nature Neuroscience, Neuron, Nature Communications, eLife, PLOS Biology, Science Advances, Journal of Neuroscience, Scientific Reports, Cerebral Cortex, PLOS Computational Biology, Journal of Neurophysiology, Journal of Physiology, European Journal of Neuroscience, Neuroscience, Psychopharmacology, Frontiers in Neuroscience, Neural Networks, Journal of Computational Neuroscience, Progress in Neurobiology, Communications Biology, IEEE Access, Journal of Visualized Experiments

GRANT REVIEWING:

European Research Council, Biotechnology and Biological Sciences Research Council of the UK, Agence Nationale de la Recherche of France, National Medical Research Council of Singapore, National Research, Development and Innovation Office of Hungary, Hungarian Academy of Sciences

EDITORIAL BOARD:

2021	Frontiers in Neural Circuits, Guest Associate Editor
2020 -	Frontiers Decision Neuroscience, Associate Editor
2016 -	European Journal of Neuroscience, Review Editor
2015 - 2020	Frontiers Decision Neuroscience, Review Editor

ROLE IN COMMITTEES:

2021	Member of the Program Committee for the FENS Forum in 2022 (Paris)
2020	Evaluation Committee member for the French National Research Agency (ANR, AAPG 2021 generic call)
2020	Panel member for National Research, Development and Innovation Office Postdoc Grants (OTKA-PD)
2020	Review panel member at Semmelweis University Student Research Conference
2020	Review panel member at Semmelweis University PhD Conference
2020	FKNE Ph.D. Thesis Prize Selection Committee member
2018	FKNE Ph.D. Thesis Prize Selection Committee chair
2016 - 2018	FENS-Kavli Network of Excellence board member responsible for outreach
2016 - 2020	FENS-Kavli Network of Excellence
2013 - 2016	Transylvanian Neuroscience Summer School Selection Committee member

THESIS COMMITTEES:

2 BSc theses reviewer in computer science; 1 MD thesis reviewer; 9 PhD theses reviewer (2 in computer science, 1 in mathematics, 7 in neurobiology) in Hungary, Aarhus University in Denmark, SISSA at Trieste Italy, Oxford University UK, Slovak Academy of Sciences in Bratislava Slovakia

MENTORING:

10 BSc theses (9 in biology, 1 in computer science), 2 MSc theses (1 in medical physics, 1 in computer science), 2 MD theses

CONFERENCE ORGANIZING:

2021 FENS Regional Meeting, online: symposium chair
2020 IBRO Workshop, Szeged: symposium chair
2019 FENS Regional Meeting, Belgrade: symposium chair
2019 Systems Neuroscience and Decision Making (SYNDI), third edition, Aarhus, Denmark: organizer
2018 Systems Neuroscience and Decision Making (SYNDI), second edition, Tbilisi, Georgia: organizer
2017 Systems Neuroscience and Decision Making (SYNDI), first edition, Radpuszta, Hungary: organizer
2017 FENS Regional Meeting, Pecs: symposium chair

TEACHING:

2019 - 2021 Eotvos Lorand University, MSc in Biology, Neurophysiology (3 lectures)
2017 - 2021 Lecture at Eotvos Lorand University on Cerebral Cortex (Neuroscience Special Class)
2016 Lecture on Research Methodology at Corvinus University of Budapest, Faculty of Economics
2016 - 2021 Lecturer at the Transylvanian Neuroscience Summer School
2016 - 2018 Lectures at Semmelweis University Doctoral School (Cortex PhD course)
2016 Lectures and workshop at Graduate School of Systemic Neurosciences, Ludwig Maximilian University of Munich
2013 - 2015 Teaching assistant at the Transylvanian Neuroscience Summer School, teaching electrophysiology theory and practice
2013 Judging at Long Island Science and Engineering Fair
2013 Mentoring at Long Island Afro-Academic, Cultural, Technological and Scientific Olympics
2012 Judging at Long Island Afro-Academic, Cultural, Technological and Scientific Olympics
2003 - 2005 Demonstrator in Physiology practice in the Institute of Human Physiology and Experimental Research, Semmelweis University

INVITED TALKS:

2021 Institute for Computer Science and Control, Budapest, HU
2020 Harvard University, Cambridge, Massachusetts, US, online seminar; keynote lecture at the Hung. Neuroscience Doctoral Conference, Szeged, HU; IBRO Workshop, Szeged, HU; Leibniz Institute for Neurobiology, Magdeburg, Germany, online seminar; FENS-Kavli Network virtual conference

2019 DYNASNET Kick-off Seminar, Budapest, HU; FENS Regional Meeting, Belgrade, Serbia; Gordon Research Conferences, Les Diablerets, Switzerland; International Joint Conference of Neural Networks, Budapest, HU

2018 Chinese Academy of Sciences, Shanghai; NTNU, Trondheim, Norway; University of Zurich, Switzerland, Materials Research Society Spring Meeting, Phoenix, US

2017 Scuola Internazionale Superiore di Studi Avanzati, Trieste, Italy; Aix-Marseille University, France; Aarhus University, Denmark

2016 Ludwig Maximilian University of Munich, Germany; Annual Meeting of the International Behavioral Neuroscience Society, Budapest, HU; Annual Meeting of the Japanese Neuroscience Society, Pacifico Yokohama, Japan; Doshisha University, Kyoto, Japan; John Radcliffe Hospital, University of Oxford, UK; University College London Sainsbury Wellcome Center, London, UK; Renyi Alfred Institute of Mathematics, Hung. Acad. Sci., Budapest, HU; Research Centre for Natural Sciences, Hung. Acad. Sci., Budapest, HU; Institutio de Neurociencias, Alicante, Spain; Plenary lecture at the 1st Hung. Neuroscience Doctoral Conference, Budapest, HU

2015 Unil Lausanne, Switzerland; École polytechnique fédérale de Lausanne, Switzerland; Universitat Basel, Switzerland; University of Oxford, UK; City College New York, US; Central European University, Budapest, HU; Research Center for Natural Sciences, Hung. Acad. Sci., Budapest, HU; Wigner Research Center for Physics, Hung. Acad. Sci., Budapest, HU

2014 Harvard University, Cambridge, Massachusetts, US; National Institute of Aging, National Institute of Health, Baltimore, Maryland, US

2013 New York University, NY, US; Inst. Exp. Med., Hung. Acad. Sci., Budapest, HU

2011 Long Island Jewish Medical Center, New Hyde Park, NY, US

2009 Society for Future Medical Scientists, Frigyes Korányi College for Advanced Studies; Gedeon Richter Pharmaceutical Company, HU; Inst. for Psychology, Hung. Acad. Sci., Budapest, HU; Rutgers University, Newark, NJ, US

2006 Research Institute for Particle and Nuclear Physics, Hung. Acad. Sci., Budapest, HU