

MARTON MAYER

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Education

Semmelweis University, János Szentágothai Doctoral School of Neurosciences - Neuromorphology and Cell Biology doctoral program	Sept 2017 –
Eötvös Loránd University - MSc in Biology, Specialisation in Neuroscience and Human Biology, Graduated with distinction	Sept 2015 – June 2017
Szent István University - BSc in Biology, Degree result: Excellent (First)	Sept 2012 – June 2015
Városmajori Secondary School	Sept 2006 – June 2012
Szabó Lőrinc Bilingual Primary and Secondary School	Sept 2000 – June 2006

Professional Experiences

Institute of Experimental Medicine HAS, Workgroup of Quantitative Functional Anatomy April 2013 –

Supervisor:

- Dr. Gábor Nyiri, senior research fellow

Scientific Projects:

- The functional neuroanatomy of the median raphe nucleus and its forebrain connections in the mouse
- Molecular and cellular structure of hippocampal and basal forebrain connections in the mouse

Scientific Publications:

- *Cellular architecture and transmitter phenotypes of neurons of the mouse median raphe region.* Katalin E. Sos, Márton I. Mayer, Csaba Cserép, Flóra S. Takács, András Szőnyi, Tamás F. Freund, Gábor Nyiri. *Brain Structure and Function.* doi: 10.1007/s00429-016-1217-x. 2016
- *The ascending median raphe projections are mainly glutamatergic in the mouse forebrain.* András Szőnyi, Márton I. Mayer, Csaba Cserép, Virág T. Takács, Masahiko Watanabe, Tamás F. Freund, Gábor Nyiri. *Brain Structure and Function.* doi: 10.1007/s00429-014-0935-1. 2014

Technical Expertise:

- animal surgery, transcatheter perfusion, immunohistochemistry, confocal microscopy, design-based stereology, behavioural tests

Scientific Awards:

- 1st place at the XXXII National Scientific Students' Associations Conference Biology Session 2015
- Special award at the XXXII NSSA Conference Medical and Health Sciences Session
- Poster presentation award at the 12th Multinational Congress on Microscopy
- 1st place at the Semmelweis University Scientific Students' Association Conference 2014
- 1st place and special award at the Szent István University Scientific Students' Association Conference
- 1st place poster presentation at the From Medicine to Bionics 2nd European Ph.D. Conference
- 1st place at the XIX Korányi Frigyes Scientific Forum

Scholarships:

- New National Excellence Program of the Ministry of Human Capacities of Hungary 2016
- Scholarship of the Hungarian Republic
- Eötvös Loránd University Faculty of Science MSc Scholarship 2015
- Scholarship of the Hungarian Republic
- Stephen W. Kuffler Research Scholarship 2014
- Scholarship of the Hungarian Republic

Skills and Personal Interests, Volunteer Work

Language Skills: English – Fluent, Hungarian – Native speaker, Italian – Intermediate

Computer Skills: Basic skills in Adobe Photoshop, Inkscape, R, C++ language, Stereo Investigator

Personal Interests: swimming, badminton, dancing, hiking, skiing, sailing, aeronautics

Volunteer Work: Reconstruction works of Saint John Hospital, Budapest 2013
Member of the team that organised the Inclusive Arts Festival for children with disabilities 2011