

## Curriculum vitae

### Pál, Balázs

#### CONTACT DATA

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#### PERSONAL DATA

*Place and time of birth:* Debrecen (Hungary), 30/ 4/ 1975

*Occupation:* Medical doctor, assistant professor

*Nationality:* Hungarian

*Language knowledge:* English, German.

#### STUDIES

*Graduation:* **1999**, General Medicine; Medical University, Debrecen, Hungary

*Ph.D. degree:* **2004**, Theoretical Medicine, (Investigation of the molecular structure, distribution and function of the HCN and TASK channels in the central nervous system. Tutor: Dr. Zoltán Rusznák), University of Debrecen, Medical and Health Sciences Centre

#### POSITIONS

- *1999-2001 Resident Doctor*, Department of Traumatology and Hand Surgery, Medical and Health Science Centre, University of Debrecen, Debrecen, Hungary
- *2001-2003 PhD Student*, Department of Physiology, Medical and Health Science Centre, University of Debrecen, Debrecen, Hungary
- *2003-2006 Junior Research Fellow*, Department of Physiology, Medical and Health Science Centre, University of Debrecen, Debrecen, Hungary
- *2004-2007 (7 months in total): Academic Visitor*, MRC Anatomical Neuropharmacology Unit, Oxford, United Kingdom (Director: Prof. Peter Somogyi; Supervisor: Dr. Marco Capogna)
- *2006-2011: Assistant Lecturer*, Department of Physiology, Medical and Health

- Science Centre, University of Debrecen, Debrecen, Hungary
- 2009-2011: *Postdoctoral Fellow*, MDC/FMP, Berlin (Supervisor: Prof. Thomas Jentsch)
  - 2011-: *Assistant Professor*, Department of Physiology, Medical and Health Science Centre, University of Debrecen, Debrecen, Hungary
  - 2012 (2 weeks): *Academic Visitor*, MDC/FMP, Berlin (Supervisor: Prof. Thomas Jentsch)
  - 2014 (6 weeks): *Visiting Scholar*, CMBN, Rutgers University, New Jersey, USA (Supervisor: Prof. Laszlo Zaborszky)

## **RESEARCH ACTIVITY**

### *Full papers in international journals:*

23 (first author: 4, last author: 4, co-author: 15)

### *Cumulative impact factor:*

88,2

### *Independent citations:*

205

### *Memberships in scientific societies:*

- Hungarian Physiological Society (2005)
- Hungarian Neuroscience Society (2011)
- Federation of European Neuroscience Societies (2011)

### *Prices:*

- Price for Junior Researchers, Hungarian Physiological Society, 2008
- Poster price of the Hungarian Neuroscience Society, 2009
- "Bolyai" Research Stipend of the Hungarian Academy of Sciences, 2012-2015
- "Szodoray" Research Stipend of the University of Debrecen, 2014-2017

## **TEACHING ACTIVITY**

- Lectures, seminars and laboratory practices in English and Hungarian for students in the faculties of General Medicine, Pharmacy, Molecular Biology and Premedical Course.
- Participation in examinations in “Medical Physiology”
- Supervision and reviewal of diploma students and members of the Students’ Scientific Circle
- Accreditation for PhD supervising (2011), supervisor of 2 PhD students (Adrienn Kovács, Csilla Bordás)

## **RESEARCH INTEREST**

- Neuromodulatory mechanisms in the brainstem
- Function and morphology of the reticular activating system
- Interactions of endocannabinoid and cholinergic neuromodulations
- Physiological and pathophysiological mechanisms of the sensory gating
- Astrocyte-neuron communication