

# **CURRICULUM VITAE**

**Martin Bareš**

**MASARYK  
UNIVERSITY**

## Contact

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## Education

**1987–1993** Faculty of Medicine, Masaryk University, Brno, Czech Republic  
**1993** Degree conferred: Doctor of Medicine  
**2002** PhD – Neurology, Masaryk University, Brno, Czech Republic  
**2005** Associate Professor of Neurology – Masaryk University, Brno, Czech Republic  
**2009** Full Professor of Neurology – Masaryk University, Brno, Czech Republic

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## Current position

**since September 2019** Rector, Masaryk University, Brno, Czech Republic  
**since September 2009** Consultant in Neurology, 1<sup>st</sup> Department of Neurology,  
St. Anne's University Hospital and Faculty of Medicine, Masaryk University,  
Czech Republic

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## Professional background

**since 1999** Consultant in neurology, movement disorders specialist and clinical  
neurophysiologist  
**since 2009** Full Professor of Neurology at the 1<sup>st</sup> Department of Neurology,  
Faculty of Medicine, Masaryk University, Brno, Czech Republic  
**since May 2015** Adjunct Professor at the Department of Neurology, Medical School,  
University of Minnesota, USA  
**2011–2016** Principal investigator at the Central European Institute of Technology  
(CEITEC), Masaryk University, Brno, Czech Republic

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## Academic background

**since 2019** Rector, Masaryk University, Brno, Czech Republic  
**since 2021** President, Czech Rectors Conference  
**2018–2019** Dean of the Faculty of Medicine, Masaryk University, Brno, Czech Republic  
**2011–2018** Vice-rector, Masaryk University, Brno, Czech Republic  
**2012–2018** Deputy Rector, Masaryk University, Brno, Czech Republic  
**2012–2018** Deputy head at the Department of Neurology, Faculty of Medicine  
and St. Anne's University Hospital, Brno, Czech Republic

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## Research domain

- movement disorders, including Parkinson's disease, dystonia, essential tremor and spasticity
  - behavioral and social aspects of decision-making processes in health and neurodegenerative disorders
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## Membership of national professional bodies

- Czech Neurological Society
  - Czech Movement Disorders Society, Chair 2009–2017
  - Czech Society for Clinical Neurophysiology (member of the Executive Committee 2009–2017)
  - Czech Headache Society
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## Stays abroad

<b>1998</b>	University of Ljubljana, Slovenia
<b>2001, 2002</b>	University of North Brabant, Tilburg, the Netherlands
<b>2003</b>	University of Rome La Sapienza, Rome, Italy
<b>2003–2005</b>	University of Minnesota, Minneapolis, USA (Fulbright Scholar) and repeatedly since 2005 Department of Neurology, School of Medicine, University of Minnesota, USA
<b>2007</b>	Department of Neurology and Department of Neurosurgery, Medical University Hannover, Germany
<b>2007</b>	Charité Campus Virchow Klinik, Berlin, Germany
<b>2008</b>	University of Montreal, Geriatric Institute, Montreal, Quebec, Canada
<b>2018</b>	University of Mons, Department of Neurology, Mons, Belgium

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## Other educational activities

<b>2005</b>	ECFMG (Educational Commission for Foreign Medical Graduates) certificate
<b>2006</b>	Step 3 of the USMLE (United States Medical License Examination)

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## Teaching experience

<b>1997–1999</b>	Assistant – teaching of master's students of general medicine and dentistry (clinical internships), Faculty of Medicine, Masaryk University, Brno, Czech Republic
<b>1999–2003</b>	Assistant Professor – teaching of master's students in general medicine, dentistry, non-medical bachelor's courses (clinical internships, practice), Faculty of Medicine, Masaryk University, Brno, Czech Republic
<b>2005–2009</b>	Associate Professor – teaching of master's students in general medicine, dentistry, non-medical bachelor's courses (clinical internships, seminars, practice), Faculty of Medicine, Masaryk University, Brno, Czech Republic
<b>2009–present</b>	Professor – teaching master's students of general medicine, dentistry, non-medical degree programs, Faculty of Medicine, Masaryk University, Brno, Czech Republic
<b>2006–present</b>	Supervisor of students in the doctoral degree program in Neurology, since 2012 supervisor of students in the doctoral degree program in Neuroscience, Faculty of Medicine, Masaryk University, Brno, Czech Republic

7 successful graduates (doctoral degree programs in Neurology/Neuroscience)

- currently a supervisor of one student in the doctoral degree program in Neuroscience
  - one successful graduate spent 1 year at the Center for Magnetic Resonance Research, University of Minnesota, Minneapolis, USA (2017–2018)
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## Membership of international professional bodies

- Society for Neuroscience
  - Society on the Research of the Cerebellum
  - International Neurotoxin Association
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## Research and publications

Web of Science/SCOPUS listed publications: > 100

Number of citations: 2311 (self-citations not included)

H-index: 30

- Currently a supervisor of 1 student of a doctoral degree program (Neuroscience)
  - 7 successful graduates (doctoral degree programs in Neuroscience/Neurology)
  - Member of the editorial board:
    - Clinical Neurophysiology (2009–2022)
    - Tremor and Other Hyperkinetic Movements
    - Cerebellum and Ataxias
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## Grant activities in the past 5 years

- Prevalence of spasticity in patients suffering from ischemic stroke in the internal carotid artery territory (co-investigator) (AZV, 15-31921A, Czech Republic, 2015–2018)
- Advanced MR methods for characterization of microstructural brain damage – Horizon 2020 – MSCA Marie Skłodowska-Curie Actions (Excellent Science) (2015–2019). Principal investigator
- Neurobiological mechanisms of functional movement disorders – Ministry of Health of the CR / Ministry of Health Research Program 2015–2022 (2016–2019/16-31457A). Principal Investigator
- Phenotypes of impulsivity in neuropsychiatric disorders and their clinical implications. Ministry of Health Research Program 2015–2022 (2015–2018/15-30062A). Member of the research team (principal investigator Tomáš Kašpárek)

## Major papers (in the past 5 years)

Filip P, Burdová K, Valenta Z, Jech R, Kokošová V, Baláž M, Mangia S, Michaeli S, Bareš M, Vojtíšek L. Tremor associated with similar structural networks in Parkinson's disease and essential tremor. *Parkinsonism Relat Disord.* 2022; 95:28-34. Q2/IF 4.4

Bencurova P, Laakso H, Salo RA, Paasonen E, Manninen E, Paasonen J, Michaeli S, Mangia S, Bareš M, Brazdil M, Kubova H, Gröhn O. Infantile status epilepticus disrupts myelin development. *Neurobiol Dis.* 2022; 162:105566. Q1/IF 7.04

Sojka P, Diez I, Bareš M, Perez DL. Individual differences in interoceptive accuracy and prediction error in motor functional neurological disorders: A DTI study. *Hum Brain Mapp.* 2021; 42(5):1434-1445. Q1/IF 5.39

Kaňovský P, Rosales R, Otruba P, Nevrlý M, Hvizdošová L, Opavský R, Kaiserová M, Hok P, Menšíková K, Hlušík P, Bareš M. Contemporary clinical neurophysiology applications in dystonia. *J Neural Transm (Vienna).* 2021; 128/4:509-519. Q2/IF 3.85

Louis ED, Bareš M, Benito-Leon J, Fahn S, Frucht SJ, Jankovic J, Ondo WG, Pal PK, Tan EK. Essential tremor-plus: a controversial new concept. *Lancet Neurol.* 2020; 19(3):266-270. D1/IF 59.935 (56 citations)

Filip P, Vojtíšek L, Baláž M, Mangia S, Michaeli S, Šumec R, Bareš M. Differential diagnosis of tremor syndromes using MRI relaxometry. *Parkinsonism Relat Disord.* 2020; 81:190-193, Q2/IF 4.4

Linhartová P, Látalová A, Barteček R, Širůček J, Theiner P, Ejova A, Hlavatá P, Kóša B, Jeřábková B, Bareš M, Kašpárek T. Impulsivity in patients with borderline personality disorder: a comprehensive profile compared with healthy people and patients with ADHD. *Psychol Med.* 2020; 50(11):1829-1838. Q1/IF 10.59

Bareš M, Apps R, Avanzino L, Breska A, D'Angelo E, Filip P, Gerwig M, Ivry RB, Lawrenson CL, Louis ED, Lusk NA, Manto M, Meck WH, Mitoma H, Petter EA. Consensus paper: Decoding the Contributions of the Cerebellum as a Time Machine. From Neurons to Clinical Applications. *Cerebellum* 2019; 18(2):266-286. Q3/IF 3.65 (59 citations)

Dorňák T, Justanová M, Konvalinková R, Říha M, Mužík J, Hoskovcová M, Srp M, Navratilová D, Otruba P, Gál O, Ivana S, Dušek L, Bareš M, Kaňovský P, Jech R. Prevalence and evolution of spasticity in patients suffering from first-ever stroke with carotid origin: a prospective, longitudinal study. *Eur J Neurol.* 2019; 26(6):880-886. Q1/IF 6.29

Filip P, Gallea C, Lehericy S, Bertasi E, Popa T, Mareček R, Lungu OV, Kašpárek T, Vaníček J, Bareš M. Disruption in cerebellar and basal ganglia networks during a visuospatial task in cervical dystonia. *Mov Disord.* 2017; 32(5):757-768. D1/IF 9.7 (60 citations)

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## Language skills

**English:** very good (written and spoken, TOEFL 2003)

Brno, February 14, 2023

Martin Bareš