

CURRICULUM VITAE – [Jakub HORT](#), MD, Ph.D.

NAME	POSITION TITLE
Jakub HORT	Head of Memory Clinic, Department of Neurology, 2 nd Medical School, Charles University (since 2001) Professor of Department of Physiology and Department of Neurology, 2 nd Medical School, Charles University, Prague, Czech Republic Principal Investigator of Neuro 2 programme (Alzheimer's Disease) at International Clinical Research Center, Brno, Czech Republic (since 2011)

Education/Training

2007: University of South Florida, Tampa, USA
2003: Memory Disorders Unit, Massachusetts General Hospital, Harvard Medical School, Boston, USA
2001: Memory Clinic at Queen Square Institute of Neurology, London, United Kingdom
1994: Graduation in Medicine, 2nd Medical School, Charles University, Prague, Czech Republic

Positions

Chairman of the Alzheimer foundation in the Czech Republic (since 2011)
Vice-chair EFNS Scientific panel on dementia and cognitive neurology (2009-2013)
Member of the Academic Senate of the 2nd Medical School (re-elected 2010)
Member of the Scientific Council of the Motol Hospital (since 2010)
Member of the Multicenter Ethical Committee (since 2008)
Chairman of the Section on Cognitive Neurology, Czech Neurological Society (since 2004, re-elected 2009)

Top 5 Research Support

- OP Research and Development for Innovations - FNUSA-ICRC: St. Anne's University Hospital Brno - International Clinical Research Center. Director of NEURO 2 Research subprogram – Neuroepidemiology. Project period: 2010-2015. Supported by European Regional Development Fund - Project FNUSA-ICRC (No. CZ.1.05/1.1.00/02.0123).
- Translation medicine. Principal Investigator. Project period: 2016-2020, Supported by National Program of Sustainability II, State budget of Czech Republic, (No. LQ1605). **Determining neural correlates of dementia in mouse and rat translational and re-translational models, exploring epidemiological risk factors in primary and secondary prevention of dementia, evaluation of neuropsychological and spatial navigation tests as an early marker of neurodegeneration defining structural, metabolic and functional biomarkers on MRI and PET in humans**
- **Human Bridge for Strengthening Integration of ICRC into European Research Area (Regpot)** - source of financing: Seventh Framework Programme of the European Union.

Top 5 Relevant Publications (last 5 years)

- Sorbi, S., Hort, J., ..., Scheltens, P. (2012). EFNS Guidelines on the diagnosis and management of disorders associated with dementia. *European Journal of Neurology*, 2012.
- Nedelska, Z., ..., Hort, J. (2012). Spatial navigation impairment is proportional to right hippocampal volume. *Proceedings of the National Academy of Sciences*, 109, 2590-2594.
- Laczó, J., ..., Hort, J. (2011). Spatial Navigation and APOE in Amnesic Mild Cognitive Impairment. *Neurodegenerative Disorders*, 8, 169-177
- Gažová, I., ..., Hort, J. (2012). Spatial navigation-a unique window into physiological and pathological aging. *Frontiers in Aging Neuroscience*.
- Hort J, ..., Laczó J. Effect of donepezil in Alzheimer disease can be measured by a computerized human analog of the Morris water maze. *Neurodegener Dis*. 2014;13(2-3):192-6. Epub 2013 Oct 30.