

Imre Vida

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Curriculum vitae

- since 2011 Professor (W3), Neuroanatomy, Charité
- 2007 – 2011 Senior lecturer in Neuroscience, School of Life Sciences, University of Glasgow
- 2001 – 2006 Assistant Professor, Institute of Anatomy and Cell Biology, University of Freiburg
- 1996 – 2001 Postdoctoral research fellow (Advisor: Prof. M. Frotscher), Institute of Anatomy, University of Freiburg
- 1992 – 1996 PhD Studies, Pécs University Medical School, Hungary, and Oxford University, (Advisors: Drs G. Czéh, E. H. Buhl and P. Somogyi)
- 1986 – 1992 Studies in Medicine, Pécs University Medical School, Hungary

Research fields

My primary scientific interest concerns the structure and function of hippocampal neuronal circuits and focuses on the following main specific themes:

- Anatomical, physiological, and functional diversity of GABAergic neurons
- Role of inhibition and inhibitory neurons in controlling and coordinating neuronal activity
- Connectivity and inhibitory interaction among GABAergic interneurons mediated by ionotropic and metabotropic receptors
- Generation and modulation of network oscillations under physiological and pathological conditions, particularly in epilepsy

Activities in the scientific community, honors, awards

- 2010 Co-editor, “Hippocampal Microcircuits: A Computational Modelers’ Resource Book”, eds. V. Cutsuridis, S.R. Cobb, B.P. Graham, and I. Vida, Springer Verlag, published in February 2010.
- 2009 Guest editor of the special issue “Cortical microcircuits”, Neural Networks (eds: J.G. Taylor, V. Cutsuridis, B.P. Graham, I. Vida, T. Wennekers)
- since 2008 External member, Bernstein Center for Computational Neuroscience, Freiburg
- 1995 Research scholarship, National Science Research Fund, Hungary, at MRC Anatomical Neuropharmacology Unit, Oxford
- 1992 – 1993 Research scholarship of the Hungarian Academy of Sciences at the Institute of Physiology, Pécs University Medical School, Hungary
- 1998 Grastyán Award, Endre Grastyán Foundation, Pécs, Hungary

