

## 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

