

ZOLTÁN NUSSER



Hungarian veterinarian, biologist, neurobiologist

Zoltán Nusser's research focuses on the interconnection of neurons. In 1995, after completing his PhD thesis, he was awarded the Glaxo-Wellcome Prize for the best PhD thesis by the British Brain Research Association.

CAREER

Zoltán Nusser was born in Bonyhád in 1968. He started his university studies at the Budapest University of Veterinary Medicine, where he graduated as a veterinary surgeon in 1992. Subsequently, he studied for a PhD at Hertford College, University of Oxford. In 1996, he studied physiology for a short period at the Department of Pharmacology, University College London. From 1998, he was a research fellow at the Department of Neurology, University of California, Los Angeles for two years.

He returned to Hungary in 2000. At that time, the Hungarian Academy of Sciences established the Cellular Neuroscience Group of the Institute of Experimental Medicine, and he became the leader of it. During his scientific career he has been awarded several international grants and is still active in research. The latest results of his research group answer the question of why there is so much structural and functional variability in the synapses between pyramidal cells in the hippocampal region of the brain. Although their hypothesis has not yet been proven, they have clarified its molecular basis.

PROFESSIONAL ACHIEVEMENTS

- Member of the Hungarian Neuroscience Society
- Member of the Hungarian Society of Neuroscience
- Fellow of the British Physiological Society, British Neuroscience Society
- 1995 - Glaxo-Wellcome Prize
- 1995-1996 - Overseas Research Students Awards (Oxford)
- 2000 - Chancellor's Award for Postdoctoral Research (UCLA)
- 2003 - Talentum Academic Award
- 2004 - Ignaz L. Lieben Prize
- 2005 - European Young Researcher Award
- 2006 - Boehringer Prize
- 2006 - Academic Award
- 2007 - Corresponding Member of the Hungarian Academy of Sciences
- 2012 - Széchenyi Prize
- 2012 - Member of the Doctoral Council of the Hungarian Academy of Sciences
- 2012 - Member of Academia Europaea
- 2013 - Bolyai Prize
- 2013 - Full Member of the Hungarian Academy of Sciences