

GÁBOR TAMÁS



Hungarian neuroscientist, professor of biology at the University of Szeged

Gábor Tamás is head of the Research Group for Cortical Microcircuits at the University of Szeged. His research group focuses on the networking between human neurons and how their function can be related to behavioral and higher order intelligence.

CAREER

Gábor Tamás graduated with honors in biology at the University of Szeged in 1993. In 1998 he founded a research group in Szeged and started to work at the Department of Comparative Biology with the support of Hungarian and foreign grants.

His research group is investigating the function of the 'rosehip neuron', which he discovered, and other cells unique to humans. They are primarily investigating how the new cell types that have evolved in humans during evolution enrich the functioning of human networks compared to those observed in animals. A two-pronged program is therefore planned. In one of them, they will investigate the function of evolutionarily conserved cell types that are also possible in animals. During the other research, a different, moderately invasive approach will be used to the experiments to study humans. The human cerebral cortex is studied using cell resolution methods.

PROFESSIONAL ACHIEVEMENTS

- since 1992 - Lecturer at the University of Szeged
- since 2005 - Doctor of the Hungarian Academy of Sciences
- Head of the Research Group for Cortical Microcircuits of the Hungarian Academy of Sciences at the University of Szeged