

TAMÁS RÖSZER



Hungarian medical biologist, academic researcher and university lecturer

Tamás Röszer is head of the Laboratory of Immunology and Metabolism. The group's research focuses on immune surveillance and metabolism, which are fundamental principles for the maintenance of life.

CAREER

Tamás Röszer obtained his MSc degree in Biology from the Faculty of Science of the University of Debrecen in 2002. Between 2002-2006 he worked at the University of Debrecen as assistant lecturer and experimental animal house manager. In the following years, besides the experimental animal house management, he continued his work as a senior research fellow at the Institute of Biochemistry and Molecular Biology of the University of Debrecen, in the Research Group on Apoptosis and Genomics of the Hungarian Academy of Sciences. Later, he worked as a health expert for the Ministry of Health. He is a university lecturer and research group leader at the University of Ulm, Germany, since 2014.

His research group, the Immunology and Metabolism Research Laboratory, is dedicated to investigate how the neuroendocrine system regulates the interaction between immune cells and metabolic tissues. Adipose tissue is used as a model system, in which non-canonical mechanisms such as neuropeptide signaling and mother-to-child signaling mediated by breast milk are investigated to regulate the number and behavior of adipose tissue macrophages (ATMs).

PROFESSIONAL ACHIEVEMENTS

- 2002-2006 - Assistant Professor, Head of Experimental Animal House (University of Debrecen)
- 2006-2009 - research fellow, head of experimental animal house (University of Debrecen)
- 2009-2014 - senior research fellow, , Macrophage Nuclear Receptor Signaling Laboratory, Department of Cardiovascular Development and Repair, Spanish National Cardiovascular Research Center (CNIC), Spain
- 2014 - university lecturer, research group leader (Ulm University)
- 2022 - Director of the Regional Training Centre of the National Academy of Sciences Secondary School Program