

**Bayer, Thomas A., Prof. Dr. rer.nat.**

**Professor of Molecular Psychiatry**

- 1984 – 1989 Studied Biology at University of Stuttgart and the Whitney Laboratory of the University of Florida.
- 1989 – 2003 Ph.D. training (Fitz Thyssen Ph.D. Graduate School for Molecular Biosciences) at the University of Cologne.
- 1993 Postdoctoral Research Fellow, University of Cologne, Cologne, Germany
- 1993-1997 Postdoctoral Research Fellow, Institute of Neuropathology, University of Bonn Medical Center, Bonn, Germany
- 1997-2002 Lab leader, Department of Psychiatry, University of Bonn Medical Center, Bonn, Germany
- 2002-2007 Head of Neurobiology Lab, University of Saarland Medical Center, Homburg, Germany
- 2004 Appointment to apl Professor at the University Medical Center Saarland
- 2007-present Professor in Molecular Psychiatry at the Georg-August-University Göttingen, University Medicine Göttingen, Germany.
- Initiator and coordinator of the European Commission funded International Alzheimer PhD School «Neurodegeneration in Alzheimer’s disease – mechanism, consequence and therapy» (NEURAD).
- Stipends: Studienstiftung des Deutschen Volkes, Fitz Thyssen Graduate School.
- Personal tutor of the Studienstiftung des Deutschen Volkes at the Georg-August-University Göttingen.
- Awards: 2011: Life time award for scientific achievements on copper and Alzheimer disease (International Copper Association, New York); 2006: research award by the friends of the Medical Faculty Saarland University.

**Major research interests**

Pathogenesis of Alzheimer’s disease, neuronal cell death mechanisms, preclinical proof-of-concept studies; characterization and development of mouse models for Alzheimer’s disease (neuropathology, anatomy, biochemistry, behavioural tests), biomarkers, clinical studies.

**Extracurricular activities**

Likes outdoor activities, independent films and Aikido.

