

Prof. Dr. med. Claus Normann



Education

1977-1989 Leibniz-Gymnasium, Rottweil

1986 Abitur examination

1989-1996 Studies of Human Medicine in Freiburg (Albert-Ludwigs-Universität) and London (Royal Free Hospital School of Medicine)

Scientific education

1992-1993 1992-93 Medical Doctor, subject of thesis: Regulation of Ca²⁺ currents in HT₂₉ carcinoma cells (laboratory of Prof. Greger, University of Freiburg), summa cum laude

1994-1996 1994-96 Rotations in internal medicine, surgery and neurology (New York, Basel, Freiburg)

1996 “Approbation”, University of Freiburg Medical School, Germany

1996-1997 Internship Dept. of Psychiatry, University of Freiburg

1997 Physiological Institute, University of Freiburg, laboratory of Prof. Jonas

Since 1998 Assistent (Resident) at the Dept. of Psychiatry, University of Freiburg, Head of Patch-Clamp Laboratory Psychiatry

Since 2002 “Oberarzt” (Consultant)

Since 2010 Managing Medical Director, Dept. of Psychiatry, University of Freiburg

Research topics

- a. basic research: Ca²⁺ channels in neurons, synaptic transmission, mechanisms of long-term synaptic plasticity, modulatory activity of serotonin, noradrenaline. Mechanisms of action of psychotropic medication.
- b. Clinical research: bipolar disorder, mood stabilizers, antiepileptic drugs in psychiatry, pharmacokinetic drug interactions

Techniques: Patch-clamp recording from neurons in culture and slices, paired recordings, cell culture. Clinical electrophysiology, evoked potentials. Investigator in phase II-IV clinical studies. ICH/GCP-Training received since 1996.

Scientific honors

1990-1997 Fellowship of the Studienstiftung des Deutschen Volkes

1998 Glaxo Wellcome Research Award for Bipolar Disorder

1999 Research Award of the AGNP (German Association for Neuropsychopharmacology)

2001 DFG grant

2002 ECNP travel award

2002 ECNP/ACBP exchange award