

Georg Köhr

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EDUCATION AND TRAINING

1980 - 1985 School of Pharmacy, University of Mainz
1985 - 1989 PhD, MPI for Psychiatry, Martinsried and University of Cologne
1990 - 1991 Postdoctoral fellow, Department of Neurology, Stanford University
1992 - 1996 Postdoctoral fellow, Center for Molecular Biology, University of Heidelberg
since 1996 Lecturer for Pharmacology and Toxicology, University of Heidelberg
since 1997 Group leader, MPI for Medical Research, Department of Molecular Neurobiology

SELECTED PUBLICATIONS

Berberich S., Punnakal P., Jensen V., Pawlak P., Seeburg P.H., Hvalby Ø. and Köhr G. (2005) Lack of NMDA receptor subtype selectivity for hippocampal long-term potentiation. *J. Neurosci.* 25(29): 6907-6910

Köhr G., Jensen V., Koester H.J., Mihaljevic A.L.A., Utvik J.K., Kvellø A., Ottersen O.P. Seeburg P.H., Sprengel R. and Hvalby Ø. (2003) Intracellular domains of NMDA receptor subtypes are determinants for LTP induction. *J. Neurosci.* 23(34): 10791-10799

Steigerwald F., Schulz T.W., Schenker L.T., Kennedy M.B., Seeburg P.H. and Köhr G. (2000) C-terminal truncation of NR2A subunits impairs synaptic but not extrasynaptic localization of NMDA Receptors. *J. Neurosci.* 20(12): 4573-4581

Kuner R., Köhr G., Grünwald S., Eisenhardt G., Bach A. and Kornau H.-C. (1999) Role of heteromer formation in GABA_B receptor function. *Science* 283: 74-77

RESEARCH GRANTS

Title: Genetic analysis of silent synapses
Agency: Deutsche Forschungsgemeinschaft (DFG, KO 1064/3-3)
Period of support: 2002-2003

Title: Interactions of zinc and calcium in glutamatergic synapses during synaptic transmission
Agency: Deutsche Forschungsgemeinschaft (DFG, KO 1064/5-2)
Period of support: 2004-2006

Title: Modulation of GABA release from stellate cells in the developing cerebellum
Agency: Deutsche Forschungsgemeinschaft (DFG, KO 1064/6-2)
Period of support: 2006-2007

TEACHING

1987 - 1989 Physiology (Medical students, University of Cologne)
1993 - 1998 Neurobiology (Biology students, University of Heidelberg)
1993 - 2001 Pharmacology (Pharmacy students, University of Heidelberg)
since 2001 Physiology (Medical students, University of Heidelberg)

AWARDS, HONORS AND SCIENTIFIC SERVICE

1989 Research Fellowship (DFG, Deutsche Forschungsgemeinschaft)
1990 PhD Award (Society for Epilepsy Research)
1991 Postdoctoral Fellowship (Stanford University)
1992 Helmholtz Fellowship (BMFT, Bundesministerium für Forschung und Technologie)
2002 Offer of a C3 position (Neuropharmacology, University of Magdeburg)

Reviewer: *Science*, *British Journal of Pharmacology*, *Journal of Neuroscience*, *Journal of Physiology*, *Journal of Neurophysiology*, *Pflügers Archiv-European Journal of Physiology*, *European Journal of Neuroscience*, *Neuroscience*, *Neuroscience Letters*, *Brain Research*, *Journal of Pharmacology and Experimental Therapeutics*, *Journal of Cell Biology*, *Journal of Neurochemistry*

Grant Reviewer: Deutsche Forschungsgemeinschaft