

Univ. Prof. Dr. Sigismund Huck

Center for Brain Research

Division of Biochemistry and Molecular Biology

Medical University of Vienna

Date of birth September 21st, 1946

Place of birth Göttingen, Germany

Citizenship Austria

Education

1957-1965 High School: Humanistisches Gymnasium Kalksburg, Vienna

1966-1972 Medical School at the University of Vienna, graduation as MD

1969-1971 Medical practice at several Austrian and foreign hospitals, e.g. the Royal Infirmary, Glasgow (Scotland) and the Ghana Medical School (Accra, Ghana)

Positions

1972 Assistant Professor at the Department of Neuropharmacology
University of Vienna

1979-1980 Visiting Research Assistant Professor, Department of Pharmacology,
NYU Medical School, New York

1980 Assistant Professor at the Department of Neuropharmacology University
of Vienna

1985 *Venia docendi* for Pharmacology and Toxicology

1985 Visiting Fellow, Department of Neurophysiology, Max Planck Institute of
Psychiatry Munich, Germany

1989 Visiting Associate Professor, Department of Pathology, CPS Columbia
University, New York

1995- Associate Professor

1995 Visiting Associate Professor, Center for Neurobiology & Behavior, CPS
Columbia University, New York

1995-1999 Head of the Department of Neuropharmacology, University of Vienna

1999-2003 Deputy director, Brain Research Institute, University of Vienna

Administration

1994	Organizer of the 17th Annual Meeting of the European Neuroscience Association, September 4.-8. 1994, Vienna, Austria
1995-1997	President of the Austrian Neuroscience Association
1998-2002	Chairman of the FENS Schools Committee
1998	Co-Organizer of the first FENS Winter School (with Alois Saria)
2003	Organizer of the international Symposium "Synaptogenesis" in Vienna
2006, 2008, 2010	Organizer of the Media Training Workshop at the occasion of the FENS Forum Meetings in Vienna, Geneva, and Amsterdam
2003-2010	Director of the (annual) 6-weeks mandatory course for medical students at the Medical University of Vienna: Brain, Nervous System, and Pain
2005-2007	Chairman, Program of FENS/IBRO European Neuroscience Schools
2010-2012	Secretary General elect and member of the Advisory Board, FENS
2012-2014	Secretary General, FENS
2011-2014	Award for Education in Neuroscience Selection Committee, Society for Neuroscience

Selected Publications (since 2007)

Ciuraszkiewicz A, Schreibmayer W, Platzer D, Orr-Urtreger A, Scholze P, and Huck S (submitted) Single-channel properties of $\alpha 3\beta 4$, $\alpha 3\beta 4\alpha 5$, and $\alpha 3\beta 4\beta 2$ nicotinic ACh receptors in mice lacking specific nAChR subunits

Scholze P, Koth G, Orr-Urtreger, A, Huck S (2012) Subunit composition of $\alpha 5$ -containing nicotinic receptors in the rodent habenula. *J. Neurochem* 121: 551–560

Scholze P, Ciuraszkiewicz, A, Groessl F, Orr-Urtreger, A, McIntosh JM, Huck S (2011) $\alpha 4\beta 2$ Nicotinic acetylcholine receptors in the early postnatal mouse superior cervical ganglion. *Develop Neurobiol* 71: 390–399

Ramerstorfer J., Furtmüller R., Vogel E., Huck S., and Sieghart W. (2010) The point mutation $\gamma 2F77I$ changes the potency and efficacy of benzodiazepine site ligands in different GABAA receptor subtypes. *Eur. J. Pharmacol* 636: 18–27

David R., Ciuraszkiewicz A., Simeone X., Orr-Urtreger A., Papke R.L., McIntosh J.M., Huck S., Scholze P. (2010) Biochemical and functional properties of distinct nicotinic acetylcholine

receptors in the superior cervical ganglion of mice with targeted deletions of nAChR subunit genes *Eur. J. Neurosci* 31: 978-993

Nicolussi EM, Huck S, Lassmann H, Bradl M (2009) The cholinergic anti-inflammatory system limited T cell infiltration into the neurodegenerative CNS, but can not counteract complex CNS inflammation *Neurobiol Dis* 35: 24-31

Putz G, Kristufek D, Orr-Urtreger A, Changeux JP, Huck S, Scholze P (2008) Nicotinic acetylcholine receptor-subunit mRNAs in the mouse superior cervical ganglion are regulated by development but not by deletion of distinct subunit genes *J Neurosci Res* 86: 972-981

Scholze, P., Orr-Urtreger, A., Changeux, J.-P., McIntosh, J. M., and Huck, S. (2007) Catecholamine outflow from mouse and rat brain slice preparations evoked by nicotinic acetylcholine receptor activation and electrical field stimulation. *Br. J. Pharmacol* 151, 414-422