Name: **Dr. med. Wolfgang Kelsch**

Date of birth: 23rd July 1975

Address: Department of Psychiatry and Psychotherapy
Central Institute of Mental Health
University of Heidelberg
J 5; 68159 Mannheim
Email: wolfgang.kelsch@zi-mannheim.de

Current position: Group Leader (DFG Emmy-Noether-Program),

Education:

2004	Doctoral degree, University Heidelberg
2003	M.D., University Heidelberg

Academic positions:

since Dec. 2010	Group Leader, University Heidelberg
2008 - 2011	Residency in Clinical Psychiatry Central Institute of Mental Health
2008 - 2010	Postdoctoral Fellow, Dept. Clinical Neurobiology
2005 - 2008	Postdoctoral Fellow, Massachusetts Institute of Technology, USA
2004 - 2005	Residency in Clinical Psychiatry, Max-Planck-Institute of Psychiatry

Research interests:
Interaction of genetic factors and sensory experience on neuronal wiring, circuit assembly, modulation of sensory information processing

Awards:

2008 - 2010	Fellowship Medizinische Fakultät Heidelberg der Universität Heidelberg
2007 - 2008	Picower Postdoctoral Fellowship
2005 - 2007	Paul E. Newton Fellowship Grant
2004 - 2005	Fellowship Max-Planck-Gesellschaft
1999 - 2002	Graduate Program in Cellular and Molecular Neurobiology
1999 - 2003	Studienstiftung des Deutschen Volkes

Current funding:

2010-2015	DFG Emmy-Noether Program KE1661/1-1 “Wiring new neurons within adult brain circuits“
2012-2105	SFB 636 TP B08 “Biophysical mechanisms of the dopamine-modulation of associative and extinction learning”

Memberships:
Society of Neuroscience
Deutsche Gesellschaft für Psychiatrie, Psychotherapie und Nervenheilkunde (DGPPN)

Five most important publications:

Kelsch W, Sim S, Lois C (2010) Watching Synaptogenesis in the Adult Brain. Ann Rev Neurosci 33:131-142.

Lin CW, Sim S, Ainsworth A, Okada M, **Kelsch W**, Lois C (2010) Genetically increased cell-intrinsic excitability enhances neuronal integration into adult brain circuits. Neuron 65:32-39.

Kelsch W, Lin CW, Mosley CP, Lois C (2009) A critical period for activity-dependent synaptic development during olfactory bulb adult neurogenesis. J Neurosci 29:1852-11858.

Kelsch W, Lin CW, Lois C (2008) Sequential development of synapses in dendritic domains during adult neurogenesis. Proc Natl Acad Sci U S A 105:16803-16808.

Kelsch W, Mosley CP, Lin CW, Lois C (2007) Distinct mammalian precursors are committed to generate neurons with defined dendritic projection patterns. PLoS Biolology 5:e300.