

Dr. med. Florian Bähler

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Birth Date 07.04.1981
Gender male
Children one (*2015)

Postdoctoral research fellow

Scientific Vita

2017-date Co-PI in the DFG-funded project (SPP1665) "*Network dynamics and computational mechanisms of rule learning*"

2015-date First DFG grant (BA-5382/1-1): "*Ventral striatal processing of prefrontal inputs and phasic dopamine during rule switching*"

2014-date Postdoctoral research fellow in the research groups of Dr. Wolfgang Kelsch and Prof. Dr. Daniel Durstewitz at the CIMH in Mannheim, Germany

2011-2014 Postdoctoral research fellow in the research group of Dr. Dr. Heike Tost/Prof. Dr. Andreas Meyer-Lindenberg at the CIMH in Mannheim, Germany

2010-2013 Residency in Psychiatry and Psychotherapy at the Central Institute of Mental Health/CIMH in Mannheim, Germany (Prof. Dr. Andreas Meyer-Lindenberg)

2005-2011 Doctoral thesis (Dr. med.) at the Institute of Physiology and Pathophysiology, University of Heidelberg, Germany (Prof. Dr. Andreas Draguhn)

2009 Medical Approbation

2001-2009 Medical School, University of Heidelberg, Germany

Awards and Honours

2008 Final year clinical electives at Harvard Medical School, USA and Weill Cornell Medical College, USA supported by a DAAD scholarship

Key Publications

Bähler F, Meyer-Lindenberg A (2017) Hippocampal-Prefrontal Connectivity as a Translational Phenotype for Schizophrenia. **Eur Neuropsychopharmacol** 27: 93-106

Bähler F, Demanuele C, Schweiger J, Gerchen MF, Zamoscik V, Ueltzhöffer K, Hahn T, Meyer P, Flor H, Durstewitz D, Tost H, Kirsch P, Plichta MM, Meyer-Lindenberg A (2015) Hippocampal-Dorsolateral Prefrontal Coupling as a Species-Conserved Cognitive Mechanism: A Human Translational Study. **Neuropsychopharmacology** 40: 1674-1681

Bähler F, Weiss EK, Birke G, Maier N, Schmitz D, Rudolph U, Frotscher M, Traub RD, Both M, Draguhn A (2011) Cellular correlate of assembly formation in oscillating hippocampal networks in vitro. **Proc Natl Acad Sci U S A** 108:E607–16

Wulff P, Ponomarenko AA, Bartos M, Korotkova TM, Fuchs EC, **Bähler F**, Both M, Tort ABL, Kopell NJ, Wisden W, Monyer H (2009) Hippocampal theta rhythm and its coupling with gamma oscillations require fast inhibition onto parvalbumin-positive interneurons. **Proc Natl Acad Sci U S A** 106:3561–3566