

Dr. SEBASTIAN WIELAND

Date of birth: 21 August, 1984
Gender: Male
Address: Central Institute of Mental Health
J5
68159 Mannheim, Germany
Phone: +49-(0)160-7679831
Email: sebastian.wieland@med.uni-heidelberg.de
Position: Medical Resident



CURRICULUM VITAE

University education

2003 - 2009 Studies in Human Medicine, Heidelberg University, Germany

Scientific degrees

2016 Doctoral dissertation in Psychiatry (summa cum laude), Mentor: Dr. Wolfgang Kelsch; Heidelberg University, Germany

Professional experience

Since 2018 Postdoctoral Fellow with Dr. Wolfgang Kelsch, Central Institute of Mental Health, Mannheim, Germany
2016 - 2018 Postdoctoral fellow with Prof. Dr. Thomas Kuner, Institute of Anatomy and Cell Biology, Heidelberg University, Germany
2014 - 2015 Residency in Internal Medicine, Department of Sports Medicine, Heidelberg University Hospital, Germany
2010 - 2016 Graduate student with Dr. Wolfgang Kelsch and Prof. Dr. Hannah Monyer, Central Institute of Mental Health, Mannheim, German Cancer Research Center Heidelberg, Heidelberg University, Germany

Academic functions and awards:

Awards and honours:

2016 Physician-Scientist Fellowship, Heidelberg University
2011 NSAS travel grant

A) Publications:

Wieland S, Schindler S, Huber C, Kohr G, Oswald MJ, Kelsch W. Phasic dopamine modifies sensory-driven output of striatal neurons through synaptic plasticity. **The Journal of Neuroscience** 2015;35(27):9946-9956.

Wieland S, Du D, Oswald MJ, Parlato R, Kohr G, Kelsch W. Phasic dopaminergic activity exerts fast control of cholinergic interneuron firing via sequential NMDA, D2, and D1 receptor activation. **The Journal of Neuroscience** 2014;34(35):11549-11559.

Kelsch W, Li Z, Wieland S, Senkov O, Herb A, Gongrich C, Monyer H. GluN2B-containing

NMDA receptors promote glutamate synapse development in hippocampal interneurons. **The Journal of Neuroscience** 2014;34(48):16022-16030.

B) Patents: -

Scientific collaborations beyond the planned Collaborative Research Centre

Roman Shusterman, University of Oregon, USA

Gabriel Lepousez, Pasteur Institute, Paris, France