

Curriculum vitae / Research Profile: Prof. (apl) Dr. med. Alexander Sartorius

Personal information	Alexander Sartorius, Prof. (apl) Dr. med. Dipl. Phys., *10.06.1966 Central Institute of Mental Health (ZI), Mannheim, Germany
Current position	Head, Research Group “Translational Imaging” since 2008
Role within partner site	Translational multimodal neuroimaging (high field MRI) in psychiatry via innovative and predictive preclinical models, aiding bench to bedside translation, the understanding of risk mechanisms, and accelerating drug development Unique contributions: EU-NEWMEDS and EU-AIMS (I), ECT unit (H), DBS research
Relevant Work experience	2017 - 2021 PI of 2 DFG Projects 2015 - 2018 PI of Thyroid Trans Act – Schwerpunktprogramm der DFG (SPP 1629) 2011 - 2014 CI of EU-ERA-Net-Neuron (Habenula) 2010 - 2016 PI of Bernstein-Zentrum (National Network Computational Neuroscience) 2008 Head of WG “Translational Imaging” 2007 Lecturer 2005 Senior registrar, Dept. of Psychiatry and Psychotherapy, CIMH 1999 - 2004 Resident, CIMH and Department of Neurology, U of Heidelberg
Professional background	Psychiatrist and Psychotherapist since 2004 (Geriatrics since 2018); Physicist
Main research focus	The research group “Translational Imaging” aims to bridge the gap between preclinical and clinical research, which seems to be essential for e.g. drug development in psychiatric research. Using validated genetic and behavioral animal models for alcohol dependency, depression, dementia and other psychiatric illnesses high field (9.4T) animal MRI enables multiple intra-individual measurements and therefore better quantification of gene x environment x therapy interactions on brain function. Clinical brain stimulation research.
Publications	Artigas F, et al. ... <u>Sartorius A</u> , Meyer-Lindenberg A, Schwarz AJ. <i>Defining the brain circuits involved in psychiatric disorders: IMI-NEWMEDS. Nat Rev Drug Discov.</i> 2017 16(1):1-2. Epub 2016 Nov 4. Reinwald JR, Becker R, Mallien A, Falfán-Melgoza C, Sack MS, Clemm von Hohenberg C, Braun U, Cosa Linan A, Gass N, Vasilescu AN, Tollens F, Lebhardt P., Pfeiffer N, Inta D, Meyer-Lindenberg A, Gass P, <u>Sartorius A</u> , Weber-Fahr W. <i>Neural Mechanisms of Early-Life Social Stress as a Developmental Risk Factor for Severe Psychiatric Disorders. Biol Psychiatry.</i> 2018 84(2):116-128. Epub 2017 Dec 28. Sartorius A, Hoyer C, Kiening K, Meyer-Lindenberg A. <i>Medial Forebrain Bundle Stimulation-Speed Access to an Old or Entry into a New Depression Neurocircuit? Biol Psychiatry.</i> 2013 74(12):e43. Epub 2013 Aug 2. Hermann D, Weber-Fahr W, <u>Sartorius A</u> , et al. <i>Translational Magnetic Resonance Spectroscopy Reveals Excessive Central Glutamate Levels During Alcohol Withdrawal in Humans and Rats. Biol Psychiatry.</i> 2012 71(11):1015-21. Epub 2011 Sep 10. Sartorius A, Kiening KL, Kirsch P, Gall CC, Haberkorn U, Unterberg AW, Henn FA, Meyer-Lindenberg A. <i>Remission of Major Depression Under Deep Brain Stimulation of the Lateral Habenula in a Therapy-Refractory Patient. Biol Psychiatry.</i> 2010 67(2):e9-e11
Additional information	Biometrics: >170 peer reviewed publications; H-Index: 36 (google) 33 (WoS) Funding: DFG 0.64 Million €; EU 1.3 Million €; other 0.8 Million € Memberships: Consortium Neuropsychopharmacology (AGNP), DGPPN, EFFECT, DBS section of DGN/DGNC. Deputy Head of the DGPPN-Section: “Experimental Stimulation Techniques in Psychiatry” Awards: - Award of WE-Heraeus foundation for students of physics 1991 - Postgraduate Grant of the State of Baden-Württemberg 1996-97 - Junior Award of ZI / Faculty of Medicine, Mannheim 2001 - “best dissertation” (as supervisor) Hans Heimann Award 2012