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Curriculum vitae

since 2002	Professor of Psychiatry, Director and Chair, Department of Psychiatry and Psychotherapy (CCM), Charité – Universitätsmedizin Berlin
2013	Dissertation (PhD) in Philosophy, Summa cum laude, University of Potsdam
2000 - 2002	Professor (W3) and Associate Director, Addiction Research, University of Heidelberg
until 2001	Associated Professor of Psychiatry, PET Center, Dept.of Psychiatry, Yale University, New Haven
1997 - 1999	Senior clinical supervisor, Department of Neurology, Ruhr-University Bochum
1998	Venia legendi (Habilitation) in Psychiatry, Freie Universität Berlin
1995 - 1997	Special volunteer, Clinical Brain Disorders Branch, National Institutes of Mental Health, NIH, Bethesda
1994	MA in Philosophy, Freie Universität Berlin
1992 - 1995	Scientific assistant, Department of Psychiatry, Freie Universität Berlin
1988 - 1991	Scientific assistant, Department of Neurology, University of Bochum
1988 - 1997	Philosophical and anthropological studies, Freie Universität Berlin, and Howard University, Washington DC
1988	Dissertation (M.D.), magna cum laude, Ruhr-University Bochum
1988	State examination and approbation in Medicine
1984 - 1987	Medical studies, Freie Universität Berlin
1980 - 1984	Medical studies, Ruhr-University Bochum

Research fields

Our group is active in the field of monoaminergic dysfunction in psychiatric disorders, combining genetic research, and multimodal brain imaging techniques, with the following major areas:

- Gene-gene interaction effects on functional brain activation elicited by affective cues
- Dopaminergic dysfunction and the brain reward system in alcoholism and schizophrenia
- Stress effects on serotonergic dysfunction and the behavior inhibition system in drug addiction, major depression, and obsessive-compulsive disorders
- Concepts of reward, punishment, and motivation in philosophy, neuroscience, and transcultural psychiatry

Activities in the scientific community, honors, awards

since 2015	Member of the Leopoldina – National Academy of Sciences
2014/2015	Nomination as Karl-Jaspers Guest Professor at the University of Oldenburg
2015	“Max Rubner-Preis”, awarded by the Charité foundation of innovation and changes at the Charité, for the establishment of the “clinic for social media and mental health”

since 2013	Member of the “Akademie der Wissenschaften und der Literatur Mainz”
since 2011	President, German Society of Biological Psychiatry (DGBP)
2011	Leibniz Chair (Award), Leibniz Institutes for Neurobiology, Magdeburg
2011/2014	Hans-Heimann-Preis, awarded by the German Society for Psychiatry, Psychotherapy and Neurology (DGPPN) for the supervision of an excellent dissertation thesis
2007 - 2010	President, Association of German Chairs of Psychiatric University Departments
2007 - 2009	President, AEP Section for Drug Addiction

Selected publications

Schlagenhauf F, Rapp MA, Huys QJ, Beck A, Wustenberg T, Deserno L, Buchholz HG, Kalbitzer J, Buchert R, Bauer M, Kienast T, Cumming P, Plotkin M, Kumakura Y, Grace AA, Dolan RJ, Heinz A. Ventral striatal prediction error signaling is associated with dopamine synthesis capacity and fluid intelligence. *Hum Brain Mapp.* 2013;34(6):1490-9.

Beck A, Wustenberg T, Genauck A, Wrase J, Schlagenhauf F, Smolka MN, Mann K, Heinz A. Effect of brain structure, brain function, and brain connectivity on relapse in alcohol-dependent patients. *Arch Gen Psychiatry.* 2012;69(8):842-52.

Heinz AJ, Beck A, Meyer-Lindenberg A, Sterzer P, Heinz A. Cognitive and neurobiological mechanisms of alcohol-related aggression. *Nat Rev Neurosci.* 2011;12(7):400-13.

Park SQ, Kahnt T, Beck A, Cohen MX, Dolan RJ, Wrase J, Heinz A. Prefrontal cortex fails to learn from reward prediction errors in alcohol dependence. *J Neurosci.* 2010;30(22):7749-53.

Heinz A, Schlagenhauf F. Dopaminergic dysfunction in schizophrenia: salience attribution revisited. *Schizophr Bull.* 2010;36(3):472-85.

Schlagenhauf F, Sterzer P, Schmack K, Ballmaier M, Rapp M, Wrase J, Juckel G, Gallinat J, Heinz A. Reward feedback alterations in unmedicated schizophrenia patients: relevance for delusions. *Biol Psychiatry.* 2009;65(12):1032-9.

Reimold M, Batra A, Knobel A, Smolka MN, Zimmer A, Mann K, Solbach C, Reischl G, Schwarzler F, Grunder G, Machulla HJ, Bares R, Heinz A. Anxiety is associated with reduced central serotonin transporter availability in unmedicated patients with unipolar major depression: a [¹¹C]DASB PET study. *Mol Psychiatry.* 2008;13(6):606-13, 557.

Kienast T, Hariri AR, Schlagenhauf F, Wrase J, Sterzer P, Buchholz HG, Smolka MN, Grunder G, Cumming P, Kumakura Y, Bartenstein P, Dolan RJ, Heinz A. Dopamine in amygdala gates limbic processing of aversive stimuli in humans. *Nat Neurosci.* 2008;11(12):1381-2.

Heinz A, Reimold M, Wrase J, Hermann D, Croissant B, Mundle G, Dohmen BM, Braus DF, Schumann G, Machulla HJ, Bares R, Mann K. Correlation of stable elevations in striatal mu-opioid receptor availability in detoxified alcoholic patients with alcohol craving: a positron emission tomography study using carbon 11-labeled carfentanil. *Arch Gen Psychiatry.* 2005;62(1):57-64.

Heinz A, Braus DF, Smolka MN, Wrase J, Puls I, Hermann D, Klein S, Grusser SM, Flor H, Schumann G, Mann K, Buchel C. Amygdala-prefrontal coupling depends on a genetic variation of the serotonin transporter. *Nat Neurosci.* 2005;8(1):20-1.