

University Hospital of Child and Adolescent Psychiatry and Psychotherapy

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Curriculum Vitae

- Since 01/18 Head Physician, Outpatient Department, University Hospital of Child- and Adolescent Psychiatry and Psychotherapy, Bern
- Since 10/17 Co-Medical Head and Co-Scientific Head of the Early Detection and Intervention Center (FETZ), Bern
- 04/16-12/17 Senior Physician, University Hospital of Child- and Adolescent Psychiatry and Psychotherapy, Bern
- 05/2016 Habilitation, Venia Docendi in Psychiatry and Psychotherapy, Senior Lecturer, University of Bern
- 05/15-03/16 Resident at the University Hospital of Child and Adolescent Psychiatry and Psychotherapy, Bern, Switzerland.
- 03/14-02/15 Research Fellow & Senior Lecturer, Neuroscience Research Australia & School of Psychiatry, University of New South Wales, Australia.
- 05/2013 Doctoral Thesis: "Resting-state EEG in schizophrenia: Auditory verbal hallucinations are related to shortening of specific microstates.", University of Bern
- 11/2012 Board certification, FMH (Swiss Medical Association), Specialist for Psychiatry and Psychotherapy.
- 10/10-12/13 Senior Psychiatrist at the University Hospital of Psychiatry, University of Bern, Switzerland.
- 10/09-09/10 Resident at Department of Restorative Neurology, University Hospital of Neurology, University of Bern, Switzerland
- 01/07-09/09 Resident at University Hospital of Psychiatry, University of Bern, Switzerland
- 01/04-12/06 Resident at the Department of General Psychiatry, University Hospital of Psychiatry, Medical University Vienna, Austria
- 03/98-10/03 Medical studies, Medical University, University of Vienna, Austria

Main Research Interests

- Translational neuroimaging in psychosis detection, prevention and therapy

Research Funding

- (1) Medizinisch Wissenschaftlicher Fonds des Bürgermeisters der Bundeshauptstadt Wien, Österreich (Grant Nr:2236); Plattner B, Kindler J, Friedrich MH, Feucht M, Steiner H. 2003. Project Title: "Juvenile Delinquency in two countries and two

continents“, Medical University of Vienna, Department of Child and Adolescent Psychiatry, Vienna, Austria

- (2) OPO-Stiftung Zürich, Ref.-Nr.:2012/13-0043; Treatment of Auditory Verbal Hallucinations with Neurofeedback; Hubl D, König T, Kindler J, Diaz L, Heri K; University Hospital of Psychiatry, Bern
- (3) SNF Grant: SSMBBS Advanced Postdoc.Mobility, Kindler Jochen, P3SMP3_148381, The relevance of estrogen receptor 1 in cognitive and negative symptoms of schizophrenia, Neuroscience Research Australia

Awards

- Poster Award, Swiss Society of Biological Psychiatry, Annual Meeting, 2011, Lausanne, Switzerland
- Paxinos Prize, Neuroscience Research Australia, 2016
- Beste Facharztarbeiten, FMH Exam, 2nd Price, ESCAP Meeting, Geneva, 2017

Teaching

- Senior lecturer, University Hospital of Child- and Adolescent Psychiatry and Psychotherapy, Bern, Switzerland; ad interim (since 09/2016)
- Senior lecturer, School of Psychiatry, University of New South Wales
- Supervision Master Thesis & Doctoral Students, University of Bern, Medical Faculty

Journal Activities

- Editorial board of „Neuropsychobiology“.
- Review Editorial Board of “Frontiers in Psychiatry”
- Ad hoc referee for journals: ‘JAMA Psychiatry’, ‘Schizophrenia Bulletin’, ‘Schizophrenia Research’, ‘European Journal of Child and Adolescent Psychiatry’, ‘Australian and New Zealand Journal of Psychiatry’, ‘Journal of Psychiatric Research’ and others.

Publications

Originalia (* indicates co-first authorship)

- 1) Kindler J, Schultze-Lutter F, Hauf M, Dierks T, Federspiel A, Walther S, Schimmelmann BG, Hubl D. Increased Striatal and Reduced Prefrontal Cerebral Blood Flow in Clinical High Risk for Psychosis. Schizophr Bull. 2018 13;44(1):182-192. doi: 10.1093/schbul/sbx070.
- 2) Kindler J, Weickert CS, Schofield PR, Lenroot R, Weickert TW. Raloxifene increases prefrontal activity during emotional inhibition in schizophrenia based on estrogen receptor genotype. Eur Neuropsychopharmacol. 2016; 26:1930-1940
- 3) Bühler T*, Kindler J*, Schneider RC, Strik W, Dierks T, Hubl D, Koenig T.

Disturbances of Agency and Ownership in Schizophrenia: An Auditory Verbal Event Related Potentials Study. *Brain Topogr.* 2016; 29(5):716-27.

- 4) Kindler J, Schultze-Lutter F, Michel C, Martz-Irngartinger A, Linder C, Schmidt SJ, Stegmayer K, Schimmelmann BG, Walther S. Abnormal involuntary movements are linked to psychosis-risk in children and adolescents: Results of a population-based study. *Schizophr Res.* 2016; 174(1-3):58-64.
- 5) Ji E, Weickert CS, Lenroot R, Kindler J, Skilleter AJ, Vercammen A, White C, Gur RE, Weickert TW. Adjunctive selective estrogen receptor modulator increases neural activity in the hippocampus and inferior frontal gyrus during emotional face recognition in schizophrenia. *Transl Psychiatry.* 2016 May 3;6:e795. doi: 10.1038/tp.2016.59.
- 6) Kindler J, Weickert CS, Skilleter AJ, Catts SV, Lenroot R, Weickert TW. Selective Estrogen Receptor Modulation Increases Hippocampal Activity during Probabilistic Association Learning in Schizophrenia. *Neuropsychopharmacology.* 2015; 40(10):2388-97.
- 7) Kindler J*, Jann K*, Homan P, Hauf M, Walther S, Strik W, Dierks T, Hubl D. Static and Dynamic Characteristics of Cerebral Blood Flow During the Resting State in Schizophrenia. *Schizophrenia Bulletin,* 2015;41(1):163-70.
- 8) Woodward TS, Jung K, Hwang H, Yin J, Taylor L, Menon M, Peters E, Kuipers E, Waters F, Lecomte T, Sommer IE, Daalman K, van Lutterveld R, Hubl D, Kindler J, Homan P, Badcock JC, Chhabra S, Cella M, Keedy S, Allen P, Mechelli A, Preti A, Siddi S, Erickson D. Symptom dimensions of the psychotic symptom rating scales in psychosis: a multisite study. *Schizophr Bull.* 2014 Jul;40 Suppl 4:S265-74.
- 9) Hubl D, Schneider RC, Kottlow M, Kindler J, Strik W, Dierks T, Koenig T. Agency and Ownership are Independent Components of 'Sensing the Self' in the Auditory-Verbal Domain. *Brain Topogr.* 2014; 27(5):672-82.
- 10) Kindler J, Homan P, Jann K, Federspiel A, Flury R, Hauf M, Strik W, Dierks T, Hubl D. Reduced Neuronal Activity in Language-Related Regions After Transcranial Magnetic Stimulation Therapy for Auditory Verbal Hallucinations. *Biol Psychiatry.* 2013;73(6):518-24.
- 11) Homan P, Kindler J, Hauf M, Hubl D, Dierks T. Repeated measurements of cerebral blood flow in the left superior temporal gyrus reveal tonic hyperactivity in patients with auditory verbal hallucinations: A longitudinal study. *Front. Hum. Neurosci.* 2013 25;7:304.
- 12) Kindler J, Homan P, Flury R, Strik W, Dierks T, Hubl D. Theta burst transcranial magnetic stimulation for the treatment of auditory verbal hallucinations: Results of a randomized controlled study. *Psychiatry Res.* 2013. 209(1):114-7.
- 13) Homan P*, Kindler J*, Hauf M., Hubl D, Dierks T, Cerebral blood flow identifies responders to transcranial magnetic stimulation in auditory verbal hallucinations. *Transl Psychiatry.* 2012;2:e189. doi: 10.1038/tp.2012.114,* equally contributing first

authors.

- 14) Kindler J*, Schumacher R*, Cazzoli D, Gutbrod K, Koenig M, Nyffeler T, Dierks T, Müri RM. Theta Burst Stimulation Over the Right Broca's Homologue Induces Improvement of Naming in Aphasic Patients. *Stroke*. 2012;43(8):2175-9.
- 15) Kindler J, Hubl D, Strik WK, Dierks T, Koenig T. Resting-state EEG in schizophrenia: auditory verbal hallucinations are related to shortening of specific microstates. *Clin Neurophysiol*. 2011;122(6):1179-82.
- 16) Homan P, Kindler J, Federspiel A, Flury R, Hubl D, Hauf M, Dierks T. Muting the voice: a case of arterial spin labeling-monitored transcranial direct current stimulation treatment of auditory verbal hallucinations. *Am J Psychiatry*. 2011;168(8):853-4.
- 17) Kindler J, Bailer U, de Zwaan M, Fuchs K, Leisch F, Grün B, Strnad A, Stojanovic M, Windisch J, Lennkh-Wolfsberg C, El-Giamal N, Sieghart W, Kasper S, Aschauer H. No association of the neuropeptide Y (Leu7Pro) and ghrelin gene (Arg51Gln, Leu72Met, Gln90Leu) single nucleotide polymorphisms with eating disorders. *Nord J Psychiatry*. 2011;65(3):203-7.
- 18) Schosser A, Schloegelhofer M, Fuchs K, Stojanovic M, Mossaheb N, Kindler J, Cohen-Woods S, Hosang G, Farmer A, Craig I, McGuffin P, Aschauer H. Bipolar disorder susceptibility region on chromosome 3q29 not confirmed in a case-control association study. *World J Biol Psychiatry*. 2011;12(4):309-15.
- 19) Schosser A, Fuchs K, Scharl T, Schloegelhofer M, Kindler J, Mossaheb N, Kaufmann RM, Leisch F, Kasper S, Sieghart W, Aschauer HN. Interaction between serotonin 5-HT_{2A} receptor gene and dopamine transporter (DAT1) gene polymorphisms influences personality trait of persistence in Austrian Caucasians. *World J Biol Psychiatry*. 2010;11(2 Pt 2):417-24.
- 20) Bach DR, Kindler J, Strik WK. Elevated bilirubin in acute and transient psychotic disorder. *Pharmacopsychiatry*. 2010;43(1):12-6.
- 21) Plattner B, Steiner H, The SS, Kraemer HC, Bauer SM, Kindler J, Friedrich MH, Kasper S, Feucht M. Sex-specific predictors of criminal recidivism in a representative sample of incarcerated youth. *Compr Psychiatry*. 2009;50(5):400-7.
- 22) Kindler J, Schosser A, Stamenkovic M, Schloegelhofer M, Leisch F, Hornik K, Aschauer H, Gasche C. Tourette's syndrome is not associated with interleukin-10 receptor 1 variants on chromosome 11q23.3. *Psychiatry Res*. 2008;157(1-3):235-9.
- 23) Plattner B, The SS, Kraemer HC, Williams RP, Bauer SM, Kindler J, Feucht M, Friedrich MH, Steiner H. Suicidality, psychopathology, and gender in incarcerated adolescents in Austria. *J Clin Psychiatry*. 2007;68(10):1593-600.
- 24) Plattner B, Pahs G, Kindler J, Williams RP, Hall RE, Mayer H, Steiner H, Feucht M. Juvenile myoclonic epilepsy: a benign disorder? Personality traits and psychiatric symptoms. *Epilepsy Behav*. 2007;10(4):560-4.
- 25) Winkler D, Pjrek E, Kindler J, Heiden N, Kasper S. Validation of a simplified definition

of anger attacks. *Psychother Psychosom.* 2006; 75(2):103-6.

Reviews (* indicates co-first authorship)

- 1) Schultze-Lutter F, Debbané M, Theodoridou A, Wood SJ, Raballo A, Michel C, Schmidt SJ, Kindler J, Ruhrmann S, Uhlhaas PJ. Revisiting the Basic Symptom Concept: Toward Translating Risk Symptoms for Psychosis into Neurobiological Targets. *Front Psychiatry.* 2016 Jan 28;7:9. doi: 10.3389/fpsy.2016.00009.
- 2) Homan P, Kindler J, Hubl D, Dierks T. Auditory verbal hallucinations: imaging, analysis, and intervention.. *Eur Arch Psychiatry Clin Neurosci.* 2012; 262 Suppl 2:S91-5.
- 3) Ford JM, Dierks T, Fisher DJ, Herrmann CS, Hubl D, Kindler J, Koenig T, Mathalon DH, Spencer KM, Strik W, van Lutterveld R. Neurophysiological Studies of Auditory Verbal Hallucinations. *Schizophr Bull.* 2012;38(4):715-23.

Journal Publications (not peer-reviewed)

- 1) Frey R, Kindler J, Naderi-Heiden A. Clinical toxicology of tricyclic antidepressives. Modern antidepressives reduce suicide risk. *Pharm Unserer Zeit.* 2008;37(3):250-5. Review.
- 2) Kindler J, Schosser A, Mossaheb N, Aschauer HN. (2006) Heutige Vorstellungen zur Genese der Schizophrenie. *Internistische Praxis.* Marseille Verlag.
- 3) Kasper S, Kapfhammer HP, Kalousek M et al. Suizidalität. Konsensus Statement – State of the art 2005. Sonderausgabe *Clinicum Psy Nov* 2005. ÖGPB. Medizin Medien Austria GmbH.
- 4) Kindler J, Kasper S. Pharmakotherapie von Angststörungen – State of the Art. (2005) *Neuro-Psychiatrische Nachrichten* 06/2005. p12
- 5) Kindler J, Kasper S. Panikstörungen: Die Angst vor der Angst (2005) *Info Neurologie und Psychiatrie.* Vol.3/Nr.1

Journal Publications (submitted)

- 1) Schultze-Lutter F, Ruhrmann S, Michel C, Schmidt SJ, Kindler J, Schimmelmann BG. Differential age effects on presence and clinical significance of cognitive and perceptive basic symptoms in the general population: a route to gain new insight into the neurodevelopment of psychosis? *Plos One* (in revision).
- 2) Hubl D, Schultze-Lutter F, Hauf M, Dierks T, Federspiel A, Kaess J, Michel C, Schimmelmann BG, Kindler J. Striatal Cerebral Blood Flow, Executive Functioning and Fronto-Striatal Functional Connectivity in Clinical High Risk for Psychosis. *Schizophrenia Research* (in revision).
- 3) Kindler J*, Lim CK*, Shannon Weickert C, Galletly C, Liu D, Balzan R, Boerrigter D, Bruggemann J, O'Donnell M, Lenroot R, Guillemin GJ, Weickert TW. Dysregulation of kynurenine metabolism is related to proinflammatory cytokines, prefrontal cortex volume and attention in schizophrenia. *Molecular Psychiatry* (in revision).

Book Chapters

- 1) Kindler J, Schwienbacher K, Plattner B, Burcombe B, Steiner H. Störungen nach sexuellem Missbrauch. *Lehrbuch der Kinder- und Jugendpsychiatrie,*

Lehmkuhl/Poustka/Holtermann/Steiner (Edts.), Hogrefe Verlag, 2013, p 1190-1208, ISBN 978-3-8017-1871-8.

- 2) Plattner B, Koopoman C, Kindler J, Huemer J, Steiner H. Dissoziative Störungen und Konversionsstörungen. Lehrbuch der Kinder- und Jugendpsychiatrie, Lehmkuhl/Poustka/Holtermann/Steiner (Edts.), Hogrefe Verlag, 2013, p 962-982, ISBN 978-3-8017-1871-8.
- 3) Kindler J, Frey R, Kasper S. Do Antidepressants Increase the Risk of Suicide? Suicide From a Global Perspective: Vulnerable Populations and Controversies. Shrivastava, Kimbrell, Lester (Edts.); Nova Sciences Publishers, NY, 2012, p 101-110. ISBN: 978-1-61942-775-4.