

Prof. Dr. med. Andreas Reif

Date of birth: 23.07.1971
 Gender: male
 Address of Institute: Department of Psychiatry, Psychosomatic
 Medicine and Psychotherapy, University Hospital Frankfurt
 Heinrich-Hoffmann-Str. 10, 60528 Frankfurt am Main, Germany
 Phone: 0049 69 6301 87300
 E-mail: andreas.reif@kqu.de
 Current position and status: Chair, Full Professor (W3) for Psychiatry

Academic education and degrees:

2009 "Habilitation" in Psychiatry, University of Würzburg
 12/2005 Board exam and specialization in Psychiatry and
 Psychotherapy
 2000 – 2005 Residency at the Department of Psychiatry and
 Psychotherapy, University of Würzburg
 2001 Dr. med. degree, University of Würzburg (summa cum laude)
 (Department of Pharmacology, Prof. Dr. H.H.H.W. Schmidt)
 1993 – 2000 Medical School, University of Würzburg, Germany

Professional experience:

Since 08/2014 Chair, Dept. of Psychiatry, Psychosomatics and Psycho-
 therapy, University Hospital Frankfurt
 04/2010 – 08/2014 Vice Chair, Dept. of Psychiatry, Psychosomatics and Psycho-
 therapy, University of Würzburg
 04/2010 – 08/2014 Laboratory head, Dept. of Psychiatry, Psychosomatics and
 Psychotherapy, University of Würzburg
 10/2009 – 08/2014 W2-Professor for Psychiatry, University of Würzburg, Germany
 10/2008 – 08/2014 Head Bipolar Disorder Program and work group leader
 "Psychiatric Neurobiology"
 01/2008 – 08/2014 Consultant in Psychiatry
 11/2006 – 12/2007 Work group leader "Molecular Psychiatry"
 07/2000 – 10/2006 Resident, Dept. of Psychiatry, Psychosomatics and Psycho-
 therapy, University of Würzburg

Honors and special recognitions:

2019 – 2021 Chair, *ECNP Congress Scientific Program Committee*
 since 2017 President, *Association of Chairs in Psychiatry, Germany (LIPPs)*
 since 2016 Board member, *German Association for Psychiatry, Psycho-
 therapy and Psychosomatics (DGPPN)*
 since 2016 President, *Alliance against Depression Frankfurt am Main e.V.*
 since 2013 Treasurer, *German Society for Bipolar Disorders (DGBS)*
 since 2010 Subordinate Editor, *European Neuropsychopharmacology*
 11/2009 Early Career Investigator Award, World Congress of
 Psychiatric Genetics
 10/2008 Essex Research Award 2008
 03/2007 AEP Young Psychiatrists Fellowship Award
 09/2006 ECNP Fellowship Award
 06/2005 Young Scientist's Award 2005, 8. World Congress Biol. Psychiat.
 06/2004 Lundbeck Institute Neurosci. Found. Sponsorship Award
 06/2004 CINP Young Investigators Award

Research Areas:

Clinical: mood disorders (bipolar disorders, treatment resistant depression), adult ADHD, suicide prevention, prodromal / transitional stages and developmental psychiatry

Basic and translational: Biomarker and predictors for mood disorders (esp. bipolar disorder) and adult ADHD; genetics of adult ADHD, panic disorder, and bipolar disorder; genetic determinants of emotion regulation; gene by environment interactions regarding impulsivity and anxiety; neurobiology of nitric oxide and its relation to psychiatric disorders.

Collaborations in last 3 years (selected):

Prof. B. Franke, Donders Institute for Brain, Cognition and Behaviour, Radboud University Nijmegen Medical Centre, NL; Prof. J. Haavik, Department of Psychiatry, University of Bergen, NO; Prof. J. Harro, Department of Psychology, Estonian Centre of Behavioral and Health Sciences, University of Tartu, ES; Prof. T. Schulze, Department of Psychiatry, University of Munich, D; Prof. Faraone, SUNY Upstate University, USA; Prof. C. Bau, Department of Psychiatric Genetics, Porto Allegre, BR.

Memberships (selected):

AGNP, CINP, DGBP, DGBS (Treasurer), DGPPN (Board member), Eur. College of Neuropsychopharmacology (ECNP; Young Scientists Workshop Committee member, SPC head 2018-2020), Eunethydis, Lehrstuhlinhaberkonferenz für Psychiatrie und Psychotherapie e.V. (LIPPs e.V., President), WFSBP, WASAD, World Federation of ADHD

President, Alliance against Depression Frankfurt am Main e.V.; President, German Centre for Developmental Psychiatry e.V.

Research consortia: ConLiGen, ENIGMA ADHD, IMpACT (vice chair), PGC ADHD, Bipolar and CDA workgroups; ADHD Network on ADHD across the Life Span (vice chair)

Publication metrics (as of March 2018)

Total number of peer reviewed original articles: >300

Total number of reviews and book chapters: 31

Cumulative impact factor: IF>1800 (average IF ca. 5.5)

Google scholar h²-Index (total): 56 (since 2013: 47)

Google Scholar i10 (total): 204 (since 2013: 185)

Google Scholar Citations (total): 13397 (since 2013: 9250)

Total sum of grant awards: ca. 13.000.000 €

Selected current grant support:

Research grant of the DFG within a SFB, SFB 1193, 2016 – 2020; subproject C07 “Neural correlates of instrumental control: immunization as potential resilience mechanism”, own part 176.000 €; and subproject Z03, “Longitudinal determination of resilience in humans to identify mechanisms of resilience to modern-life stressors”; own part 534.000 €

EU FP7 “AGGRESSOTYPE”, Leader WP 4: “Neurobiological mechanisms of risk genes for aggression subtypes: animal and in vitro studies”, 2014 – 2019, 505.000 €

EU Horizon 2020 RIA “CoCA” (Comorbid Conditions of ADHD), Coordinator and Leader of WP4, 2016 – 2021, total grant volume 6 Million €, thereof 990.000 € for own projects

EU Horizon 2020 RIA “Eat2BeNICE” (Effects of Nutrition and Lifestyle on Impulsive, Compulsive, and Externalizing behaviours), Leader of WP3, 2017 – 2022, 773.000 €

Best 10 publications of Career

- J. Deckert*, H. Weber*, C. Villmann, T.B. Lonsdorf, J. Richter, M. Andreatta, A.A. Vasquez, L. Hommers, L. Kent, C. Schartner, S. Cichon, C. Wolf, N. Schaefer, C.R. von Collenberg, B. Wachter, R. Blum, D. Schümann, R. Scharfenort, J. Schumacher, A.J. Forstner, C. Baumann, M.A. Schiele, S. Notzon, P. Zwanzger, J.G.E. Janzing, T. Galesloot, L.A. Kiemenev, A. Gajewska, E. Glotzbach-Schoon, A. Mühlberger, G. Alpers, T. Fydrich, L. Fehm, A.L. Gerlach, T. Kircher, T. Lang, A. Ströhle, V. Arolt, H.-U. Wittchen, R. Kalisch, C. Büchel, A.O. Hamm, M.M. Nöthen, M. Romanos, K. Domschke, P. Pauli, **A. Reif** (2017) *GLRB* allelic variation associated with agoraphobic cognitions, increased startle response and fear network activation: A potential neurogenetic pathway to panic disorder; *Mol Psychiatry* in press
- K.J.E. van Hulzen, C.J. Scholz, B. Franke, S. Ripke, M. Klein, A. McQuillin, K.-P. Lesch, PGC ADHD Working Group, J.R. Kelsoe, E. Sonuga-Barke, PGC Bipolar Disorder Working Group, S.V. Faraone, H. Weber, A. Arias-Vasquez, **A. Reif** (2016) Genetic overlap between Attention-Deficit/Hyperactivity Disorder and Bipolar Disorder: Evidence from a GWAS meta-analysis; *Biol Psychiatry* in press
- Weber H, Richter J, Straube B, Lueken U, Domschke K, Schartner C, Klauke B, Baumann C, Pané-Farré C, Jacob CP, Scholz C-J, Zwanzger P, Lang T, Fehm L, Jansen A, Konrad C, Fydrich T, Wittmann A, Pfeleiderer B, Ströhle A, Gerlach AL, Alpers GW, Arolt V, Pauli P, Wittchen H-U, Kent L, Hamm A, Kircher T, Deckert J, **Reif A** (2015) Allelic variation in *CRHR1* predisposes to panic disorder: Evidence for biased fear processing; *Mol Psychiatry* 21, pp. 813–822
- Reif A**, Richter J, Straube B, Höfler M, Lueken U, Gloster AT, Weber H, Domschke K, Fehm L, Ströhle A, Jansen A, Gerlach A, Pyka M, Reinhardt I, Konrad C, Wittmann A, Pfeleiderer B, Alpers GW, Pauli P, Lang T, Arolt V, Wittchen HU, Hamm A, Kircher T, Deckert J. (2013) *MAOA* and mechanisms of panic disorder revisited: from bench to molecular psychotherapy; *Mol Psychiatry*, 19, Page 122 – 128.
- Franke B, Faraone S, Asherson P, Buitelaar J, Bau C, Ramos-Quiroga JA, Mick E, Grevet E, Johansson S, Haavik J, Lesch KP, Cormand B, **Reif A** (2011) The genetics of attention deficit/hyperactivity disorder (ADHD) in adults, a review. *Mol Psychiatry* 17(10):960-87
- A. Reif**, T.T. Nguyen, L. Weißflog, C.P. Jacob, M. Romanos, T. Renner, H.N. Buttenschon, S. Kittel-Schneider, A. Gessner, H. Weber, M. Neuner, S. Gross-Lesch, K. Zamzow, S. Kreiker, S. Walitza, J. Meyer, C.M. Freitag, R. Bosch, M. Casas, N. Gómez, M. Ribasès, J.K. Buitelaar, L.A.L.M. Kiemenev, J.J.S. Kooij, C.C. Kan, M. Hoogman, S. Johansson, K.K. Jacobsen, P.M. Knappskog, O.B. Fasmer, P. Asherson, A. Warnke, H. J. Grabe, J. Mahler, A. Teumer, H. Völzke, O. Mors, H. Schäfer, J.A. Ramos-Quiroga, B. Cormand, J. Haavik, B. Franke, K.-P. Lesch (2011) *DIRAS2* is associated with adult ADHD, related traits, and co-morbid disorders; *Neuropsychopharmacology* 36, Page 2318 – 2327
- B. Franke, A. Arias Vasquez, S. Johansson, M. Hoogman, J. Romanos, A. Boreatti-Hümmer, M. Heine, C.P. Jacob, K.-P. Lesch, M. Casas, M. Ribasés, R. Bosch, C. Sánchez-Mora, N. Gómez-Barros, N. Fernández-Castillo, M. Bayés, A. Halmøy, H. Hallelund, E.T. Landaas, O.B. Fasmer, P.M. Knappskog, A. Heister, L.A. Kiemenev, S. Kooij, M. Boonstra, C. Kan, P. Asherson, S. Faraone, J. Buitelaar, J. Haavik, B. Cormand, T. Ramos-Quiroga, **A. Reif** (2010) Meta-analysis of the *SLC6A3/DAT1* VNTR haplotype in adult ADHD suggests differential involvement of the gene in adult and childhood ADHD; *Neuropsychopharmacology* 35, Page 656 – 664
- Reif A**, Jacob CP, Rujescu D, Herterich S, Lang S, Gutknecht L, Baehne CG, Strobel A, Freitag CM, Giegling I, Romanos M, Hartmann A, Rösler M, Renner TJ, Fallgatter AJ, Retz W, Ehlis AC, Lesch KP (2009) Influence of functional variant of neuronal nitric oxide synthase on impulsive behaviors in humans. *Arch Gen Psychiatry* 66: 41-50.
- Reif A**, Herterich S, Strobel A, Ehlis AC, Saur D, Jacob CP, Wienker T, Töpner T, Fritzen S, Walter U, Schmitt A, Fallgatter AJ, Lesch KP (2006) A neuronal nitric oxide synthase (NOS-I) haplotype associated with schizophrenia modifies prefrontal cortex function; *Mol Psychiatry* 11: 286-300.
- Reif A**, Fritzen S, Finger M, Strobel A, Lauer M, Schmitt A, Lesch KP. (2006) Neural stem cell proliferation is decreased in schizophrenia but not in depression; *Mol Psychiatry* 11: 514-522.
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