

**Prof. Dr. Dr. HEIKE TOST****1) General information**

Date of birth: 20 November, 1970  
 Gender: Female  
 Address: Heidelberg University  
 Medical Faculty Mannheim  
 Department of Psychiatry and Psychotherapy  
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 Position: Professor for Psychiatry & Psychotherapy (W3)  
 Children: None  
 Parental leave, if applicable: None

**2) University training and degree**

2000 - 2006 Studies in Human Medicine, University of Heidelberg, Germany  
 1991 - 1999 Studies in Psychology, University of Landau, Germany

**3) Advanced academic qualifications**

2017 Board certification in Psychiatry and Psychotherapy  
 2010 M.D. doctorate in Psychiatry, Mentor: Prof. Dr. Andreas Meyer-Lindenberg, Heidelberg University, Germany  
 2004 Ph.D. doctorate in Psychology, Mentor: Prof. Dr. Monika Pritzel, Landau University, Germany

**4) Postgraduate professional career**

Since 2018 W3 (Full) Professor for Psychiatry & Psychotherapy, Medical Faculty of Mannheim, Heidelberg University, Germany  
 Since 2018 Head, Study Center, Center for Innovative Psychiatric and Psychotherapeutic Research (CIPP), Central Institute of Mental Health, Mannheim, Germany  
 Since 2015 Head, Psychoepidemiological Center (PEZ), Central Institute of Mental Health, Mannheim, Germany  
 2011 - 2019 Group leader of an independent research unit established via an award from the German Federal Ministry for Education and Research, Mannheim  
 Since 2010 Group leader, Systems Neuroscience in Psychiatry (SNiP), Central Institute of Mental Health, Mannheim, Germany  
 2006 - 2010 Postdoctoral fellow with Prof. Dr. Daniel R. Weinberger, Genes, Cognition and Psychosis Program, National Institute of Mental Health, USA

**5) Other**Awards and honours:

2017 DGPPN Hans-Heimann-Preis

- 2011 BMBF-funded Independent Research Group in Neuroscience award  
2006 National Institutes of Health (NIH) – German Research Foundation (DFG) Research Career Transition Award  
2001 Scholarship for doctoral students, Evangelisches Studienwerk, Villigst

Panels and coordinating functions:

- Since 2022 CIMH representative, coordination group, Innovation Campus Heidelberg Mannheim Health & Life Sciences  
Since 2021 PI and coordinator of Mannheim site within ZIHUB consortium of the German Center of Mental Health  
Since 2019 Deputy Speaker of the Collaborative Research Center TRR265  
Since 2019 Research representative, Stakeholder Advisory Board, Central Institute of Mental Health, Mannheim, Germany  
Since 2019 Career coach for young scientists, Unit for Research Promotion and Research Strategy, Central Institute of Mental Health, Mannheim, Germany

Reviewing Boards:

- Since 2022 Scientific committee of the German Association for Psychiatry, Psychotherapy and Psychosomatics (DGPPN)  
Since 2020 Scientific advisory board of the Chica and Heinz Schaller-Stiftung  
Peer reviewer for more than 50 scientific journals (e.g., Nat Rev Neurosci, Nat Neurosci, Proc Natl Acad Sci USA, JAMA Psychiatry, Am J Psychiatry, J Neurosci, Brain, Biol Psychiatry) and various funding agencies (e.g., German Research Foundation, European Research Council, Wellcome Trust).

Editorial boards:

- Since 2022 Editorial Board of Frontiers in Psychiatry  
Since 2019 Editorial Board of Biological Psychiatry: Global Open Science  
Since 2018 Associate Editor of the Journal of Medical Psychology  
Since 2017 Editorial Board of Chronic Stress  
Since 2016 Associate Editor of Network Neuroscience

**6) Publications**

**A)**

- Gan G, Ma R, Reichert M, Giurgiu M, Ebner-Priemer UW, Meyer-Lindenberg A, & Tost H. Neural Correlates of Affective Benefit From Real-life Social Contact and Implications for Psychiatric Resilience. **JAMA Psychiatry**; 78(7), 790-792, 2021.
- Braun U, Harneit A, Pergola G, Menara T, Schafer A, Betzel RF, Zang Z, Schweiger JI, Zhang X, Schwarz K, Chen J, Blasi G, Bertolino A, Durstewitz D, Pasqualetti F, Schwarz E, Meyer-Lindenberg A, Bassett DS, & Tost H. Brain network dynamics during working memory are modulated by dopamine and diminished in schizophrenia. **Nature Communications**; 12(1), 3478, 2021.
- Tost H, Reichert M, Braun U, Reinhard I, Peters R, Lautenbach S, Hoell A, Schwarz E, Ebner-Priemer U, Zipf A, & Meyer-Lindenberg A. Neural correlates of individual differences in

- affective benefit of real-life urban green space exposure. **Nature Neuroscience**; 22(9), 1389-1393, 2019.
- Bilek E, Itz ML, Stossel G, Ma R, Berhe O, Clement L, Zang Z, Robnik L, Plichta MM, Neukel C, Schmahl C, Kirsch P, Meyer-Lindenberg A, & Tost H. Deficient Amygdala Habituation to Threatening Stimuli in Borderline Personality Disorder Relates to Adverse Childhood Experiences. **Biological Psychiatry**; 86(12), 930-938, 2019.
- Cao H, Bertolino A, Walter H, Schneider M, Schafer A, Taurisano P, Blasi G, Haddad L, Grimm O, Otto K, Dixon L, Erk S, Mohnke S, Heinz A, Romanczuk-Seiferth N, Muhleisen TW, Mattheisen M, Witt SH, Cichon S, Noethen M, Rietschel M, Tost H\*, Meyer-Lindenberg A\*. Altered Functional Subnetwork During Emotional Face Processing: A Potential Intermediate Phenotype for Schizophrenia. **JAMA Psychiatry**; 73(6):598-605, 2016.
- Braun U, Schafer A, Bassett DS, Rausch F, Schweiger JI, Bilek E, Erk S, Romanczuk-Seiferth N, Grimm O, Geiger LS, Haddad L, Otto K, Mohnke S, Heinz A, Zink M, Walter H, Schwarz E, Meyer-Lindenberg A, Tost H. Dynamic brain network reconfiguration as a potential schizophrenia genetic risk mechanism modulated by NMDA receptor function. **Proc Natl Acad Sci U S A**; 113(44):12568-12573, 2016.
- Tost H, Champagne FA, Meyer-Lindenberg A. Environmental influence in the brain, human welfare and mental health. **Nature Neuroscience**; 18(10):1421-1431, 2015.
- Tost H, Meyer-Lindenberg A. Puzzling over schizophrenia: schizophrenia, social environment and the brain. **Nature Medicine**; 18(2):211-213, 2012.
- Tost H, Kolachana B, Hakimi S, Lemaitre H, Verchinski BA, Mattay VS, Weinberger DR, Meyer-Lindenberg A. A common allele in the oxytocin receptor gene (OXTR) impacts prosocial temperament and human hypothalamic-limbic structure and function. **Proc Natl Acad Sci U S A**; 107(31):13936-13941, 2010.
- Tost H, Braus DF, Hakimi S, Ruf M, Vollmert C, Hohn F, Meyer-Lindenberg A. Acute D2 receptor blockade induces rapid, reversible remodeling in human cortical-striatal circuits. **Nature Neuroscience**; 13(8):920-922, 2010.

\* Shared senior authorship

**B) other publications:** -

**C) Patents:** -

