



## Prof. Dr. Raffael Kalisch

Professor and Director of Neuroimaging Center Mainz (NIC)  
Deputy Spokesperson

Neuroimaging Center (NIC) of the Focus Program Translational Neuroscience Mainz  
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### Expertise

Cognitive Neuroscience  
Resilience, fear, anxiety, stress, conditioning/extinction, emotion regulation, safety learning, appraisal theory

### Vita

2014	Founding member of Deutsches Resilienz Zentrum Mainz (DRZ)
Since 10/2012	Professor for Human Neuroimaging (W2) and director, Neuroimaging Center
01/2008 – 12/2012	DFG Emmy Noether research group leader, Institute for Systems Neuroscience, University Medical Center Hamburg-Eppendorf (UKE)
08/2007 – 12/2007	Research group leader, Institute for Systems Neuroscience, UKE
06/2006 – 07/2007	Postdoctoral researcher, Institute for Systems Neuroscience, UKE
02/2003 – 04/2006	Postdoctoral researcher, Wellcome Department of Imaging Neuroscience, University College London
03/2002 – 01/2003	Postdoctoral researcher, NMR study group, Max Planck Institute for Psychiatry, Munich
11/1998 – 02/2002	Doctoral student, NMR study group, Max Planck Institute for Psychiatry, Munich

### Publications



- Kalisch R, Müller MB, Tüscher O (2015) A conceptual framework for the neurobiological study of resilience. *Behav Brain Sci* 38:1-79.
- Haaker J, Gaburro S, Sah A, Gartmann N, Lonsdorf TB, Meier K, Singewald N, Pape HC, Morellini F\*, Kalisch R\* (2013) Single dose of L-dopa makes extinction memories context-independent and prevents the return of fear. *Proc Natl Acad Sci USA* 110:E2428-36. (\*, equal contribution)
- Etkin A, Egner T, Kalisch R (2011) Emotional processing in anterior cingulate and medial prefrontal cortex. *Trends Cogn Sci* 15:85-93.
- Raczka KA, Gartmann N, Mechias ML, Reif A, Buchel C, Deckert J, Kalisch R (2010) A neuropeptide S receptor variant associated with overinterpretation of fear reactions: a potential neurogenetic basis for catastrophizing. *Mol Psychiatry* 15:1067-74. Corrigendum: 17:468.
- Kalisch R, Korenfeld E, Stephan KE, Weiskopf N, Seymour B, Dolan RJ (2006) Context-dependent human extinction memory is mediated by a ventromedial prefrontal and hippocampal network. *J Neurosci* 26:9503-11

### Coordinating Functions

2016 Deputy spokesperson of the Collaborative Research Center

### Editorial and Scientific Advisory Board

2014 Guest editor Frontiers Research Topic "Cognitive emotion regulation"

### Awards, Grants and Honor

2008 – 2012 DFG Emmy Noether research group

2003 – 2005 EU Marie Curie Individual Fellowship for postdoctoral studies

1997 Stipend of Medizinstiftung, University of Marburg for diploma studies at Ecole Normale Supérieure, Paris

### Memberships

Society for Neuroscience, Neurowissenschaftliche Gesellschaft