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**Universitätsklinikum
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Training / Career

- 2007-2012: Studies in Psychology (University of Trier)
- 2012-2014: Research Associate in the Department of Clinical Psychology and Psychotherapy (University of Trier)
- 2012-2017: Training course in Behavioral Therapy
- 2014-now: Research Associate in the Group „Psychophysiology and Optical Imaging“, Department of Psychiatry and Psychotherapy, University Hospital Tuebingen

Research interests

- Neurophysiological correlates of mental disorders
- Functional Connectivity
- Impairment of executive control in mental disorders
- Intervention research
- Neurophysiological methods

Publications

Goldbeck, F., Hapt, A., **Rosenbaum, D.**, Rohe, T., Fallgatter, A. J., Hautzinger, M. & Ehlis, A.-C. (2019). The Positive Brain – Resting State Functional Connectivity in Highly Vital and Flourishing Individuals. *Frontiers in Human Neuroscience*, 12, 540.

Storchak, H., Hudak, J., Haeussinger, F. B., **Rosenbaum, D.**, Fallgatter, A. J. & Ehlis, A.-C. (in press). Reducing auditory verbal hallucinations by means of fNIRS neurofeedback – A case study with a paranoid schizophrenic patient. *Schizophrenia Research*.

Rosenbaum, D., Blum, L., Schweizer, P., Fallgatter, A. J., Herrmann, M. J., Ehlis, A.-C. & Metzger, F. G. (2018). A comparison of speed- vs. complexity-effects on the hemodynamic response of the Trail Making Test in block-designs, *Neurophotonics*, 5(4), 45007.

- Rosenbaum, D.**, Hilsendegen, P., Thomas, M., Haeussinger, F. G., Nuerk, H.-C., Fallgatter, A. J., Nieratschker, V., Ehlis, A.-C. & F. B., Metzger (2018). Disrupted prefrontal functional connectivity during post-stress adaption in high ruminators. *Scientific Reports*, 8(1), 15588.
- Maier, M. J., **Rosenbaum, D.**, Haeussinger, F. B., Brüne, M., Enzi, B., Plewnia, C., Fallgatter, A. J. & Ehlis, A.-C. (2018). Forgiveness and cognitive control – Provoking revenge via theta-burst-stimulation of the DLPFC. *Neuroimage*, 183, 769-775.
- Hudak, J., **Rosenbaum, D.**, Barth, B., Fallgatter, A. J. & Ehlis, A.-C. (2018). Functionally disconnected: a look at how study design influences neurofeedback data and mechanisms in attention-deficit/hyperactivity disorder. *PLoS One*, 13(8), e0200931.
- Rosenbaum, D.**, Maier, M. J., Hudak, J., Wells, A., Metzger, F. G., Fallgatter, A. J. & Ehlis, A.-C. (2018). Neurophysiological Correlates of the Attention Training Technique: A Component study. *Neuroimage: Clinical*, 19, 1018-1024.
- Rosenbaum, D.**, Thomas, M., Hilsendegen, P., Metzger, F. G., Haeussinger, F. B., Nuerk, H.-C., Fallgatter, A. J., Nieratschker, V. & Ehlis, A.-C. (2018). Stress-related dysfunction of the right inferior frontal cortex in high ruminators: An fNIRS study. *Neuroimage: Clinical*, 18, 510-517.
- Rosenbaum, D.**, Hilsendegen, P., Thomas, M., Haeussinger, F. B., Metzger, F. G., Nuerk, H.-C., Fallgatter, A. J., Nieratschker, V. & Ehlis, A.-C. (2018). Cortical hemodynamic changes during the Trier Social Stress Test: A fNIRS study. *Neuroimage*, 171, 107-115.
- Rosenbaum, D.**, Hapt, A., Fuhr, K., Haeussinger, F. B., Metzger, F. G., Nuerk, H.-C., Fallgatter, A. J., Batra, A. & Ehlis, A.-C. (2017). Aberrant functional connectivity in depression as an index of state and trait rumination. *Scientific Reports*, 7(1), 2174.
- Rubel, J. A., **Rosenbaum, D.** & Lutz, W. (2017). Patients' in-session experiences and symptom change: Session-to-session effects on a within- and between-patient level. *Behaviour Research and Therapy*, 90, 58-66.
- Deppermann, S.*, Notzon, S.*, Kroczeck, A., **Rosenbaum, D.**, Haeussinger, F. B., Diemer, J., Domschke, K., Fallgatter, A. J., Ehlis, A.-C. & Zwanzger, P. (2016). Functional co-activation within the prefrontal cortex supports the maintenance of behavioural performance in fear-relevant situations before an iTBS modulated virtual reality challenge in participants with spider phobia. *Behavioural Brain Research*, 307, 208-217.
- Rosenbaum, D.**, Hagen, K., Deppermann, S., Kroczeck, A. M., Haeussinger, F. B., Heinzl, S., Berg, D., Fallgatter, A. J., Metzger, F. G., Ehlis, A.-C. & The TREND Study Consortium (2016). State dependent altered connectivity in late-life depression: A functional near-infrared spectroscopy study. *Neurobiology of Aging*, 39, 57-68.
- Rosenbaum, D.** & Lutz, W. (2013). *Therapeutische Veränderung (Psychotherapie). Dorsch – Psychologisches Wörterbuch*. Bern: Hans Huber Verlag.

* indicates shared authorship

Poster and Presentations

- Rosenbaum, D.**, Fallgatter, A. J., Ehlis, A.-C. (2017). Abberant functional connectivity in Depression: A neural correlate of depressive rumination? Psychologie und Gehirn, Trier, Germany.
- Rosenbaum, D.**, Hagen, K., Haeussinger, F. B., Fallgatter, A. J., Metzger, F. G., Ehlis, A.-C. (2016). State-dependent connectivity in late-life depression. fNIRS Conference, Paris, France.
- Rosenbaum, D.**, Ehlis, A.-C., Hagen, K., Metzger, F. G., Häussinger, F. B., Fallgatter, A. J. (2015). State dependent changes in neuronal connectivity and network characteristics in late-life depression: A NIRS study. Psychologie und Gehirn, Frankfurt a.M. Germany.

- Rosenbaum, D.**, Metzger, F. G., Hagen, K., Heinzl, S., Fallgatter, A. J., Ehlis, A.-C. (2015). Altered neuronal activity and connectivity in late-life depression with and without executive impairments: A NIRS study. Aging and Cognition, Dortmund, Germany.
- Rosenbaum, D.**, Ehlis, A.-C., Hagen, K., Metzger, F. G., Heinzl, S., Fallgatter, A. J. (2014). Neuronal Correlates of executive function in late-life depression: A NIRS study. Deutsches Mapping Meeting , Rauschholzhausen, Germany.
- Zahn, M. C., **Rosenbaum, D.**, Zaunmüller, L. S. & Lutz, W. (2013, Mai). Untersuchung der Wirksamkeit und der elektrophysiologischen Korrelate therapeutischer Mikrointerventionen zum kognitiven Umstrukturieren im Vergleich zu progressiver Relaxation - Eine klinische EEG-Studie. 8. Workshopkongress der Fachgruppe für Klinische Psychologie und Psychotherapie der der Deutschen Gesellschaft für Psychologie , Trier, Deutschland.
- Rosenbaum, D.**, Herrmann, B. E. & Lutz, W. (2013, Mai). Wirksamkeit und Wirkungsweise psychotherapeutischer Mikrostrategien – Ereigniskorrelierte Potentiale im Flanker-Paradigma vor und nach einer Achtsamkeitsintervention im Vergleich zur Progressiven Relaxation. 8. Workshopkongress der Fachgruppe für Klinische Psychologie und Psychotherapie der der Deutschen Gesellschaft für Psychologie, Trier, Deutschland.
- Rosenbaum, D.**, Zahn, M. C., Zaunmüller, L. S. & Lutz, W. (2012, Mai). Spezifische zerebrale Zustandsveränderungen im Ruhe-EEG durch psychotherapeutische Mikroprozesse. Poster anlässlich des 30. Symposiums der Fachgruppe Klinische Psychologie und Psychotherapie der Deutschen Gesellschaft für Psychologie, Luxemburg, Luxemburg.