



Dr. rer. nat. Agnes Kroczeck, Dipl.-Psych.  
Postdoctoral Researcher

Tel. +49 7071 29-87103

Fax. +49 7071 29-4141



**Universitätsklinikum  
Tübingen**

### **Training / Career**

- 2005-2011: Studies in Psychology (Justus-Liebig-Universität Gießen)
- 2011-now: Research Associate in the Group „Psychophysiology and Optical Imaging“ (Department of Psychiatry and Psychotherapy, University Hospital Tuebingen)

### **Research Interests**

- Multimodal measurements (EEG, fNIRS)
- fNIRS measurements during psychotherapeutical interventions (cue-exposure)
- Non-invasive brain stimulation techniques (TMS, tDCS)
- Cognitive processing of automatized responses (addiction)

### **Publications**

**Kroczeck, A. M.**, Haeussinger, F. B., Hudak, J., Vanes, L. D., Fallgatter, A. J. & Ehlis, A.-C. (2018). Cue Reactivity Essentials: Event-Related Potentials During Identification of Visual Alcoholic Stimuli in Social Drinkers. *Journal of Studies on Alcohol and Drugs*, 79(1), 137-147.

**Kroczeck, A. M.**, Haeussinger, F. B., Fallgatter, A. J., Batra, A. & Ehlis, A.-C. (2017). Prefrontal Functional Connectivity measured with Near-Infrared Spectroscopy during Smoking Cue Exposure. *Addiction Biology*, 22(2), 513-522.

**Kroczeck, A. M.**, Haeussinger, F. B., Rohe, T., Schneider, S., Plewnia, C., Batra, A., Fallgatter, A. J. & Ehlis, A.-C. (2016). Effects of transcranial direct current stimulation on craving, heart-rate variability and prefrontal hemodynamics during smoking cue exposure. *Drug and Alcohol Dependence*, 168, 134-127.

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., **KroczeK, 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.
- Notzon, S.\*, Deppermann, S.\*, Fallgatter, A. J., Diemer, J., **KroczeK, A. M.**, Domschke, K., Zwanzger, P. & EhliS, A.-C. (2015). Psychophysiological effects of an iTBS modulated virtual reality challenge including participants with spider phobia. *Biological Psychology*, 112, 66-76.
- Barth, B., **KroczeK, A. M.**, Deppermann, S., Dresler, T., Fallgatter, A. J. & EhliS, A.-C. (2015). Epidemiologie und Pathogenese der Komorbidität von Aufmerksamkeitsdefizit-/ Hyperaktivitätsstörung (ADHS) und Sucht – Die Rolle der Exekutivfunktionen [Epidemiology and Pathogenesis of the Comorbidity of Attention-Deficit/Hyperactivity Disorder (ADHD) and Addiction – The Role of Executive Functions]. *Sucht*, 61(5), 279-291.

\* indicates shared authorship

### Conference contributions

- KroczeK, A. M.**, Haeussinger, F.B., Dresler, T., Ernst, L. H., Fallgatter, A. J. & EhliS, A.-C. (2013). Hämodynamik und Elektrophysiologie der Verarbeitung eigener Fehler: Eine kombinierte NIRS-EEG Studie zum Einfluss visueller alkoholischer Reize auf die Fehler Überwachung bei sozialen Vieltrinkern (*talk at the „Psychologie und Gehirn“-Tagung, Würzburg, May 30-June 01, 2013*).
- KroczeK, A.**, Häußinger, F.B., Fallgatter, A. J. & EhliS, A.-C. (2012). Der Einfluss von alkoholassoziertem Bildmaterial auf die Fehlerverarbeitung bei gesunden Probanden in Abhängigkeit vom Alkoholkonsum: eine NIRS-EEG Kombistudie (*talk at the 21<sup>th</sup> German EEG/EP Mapping Meeting, Giessen, October 12-14, 2012*).
- KroczeK, A.**, Haeussinger, F. B., Ernst, L. H., Fallgatter, A. J. & EhliS, A.-C. (2012). Differences in Action Monitoring between Heavy and Light Social Drinkers - A combined NIRS - EEG Study (*poster at the „Psychologie und Gehirn“-Tagung, Jena, July 07-10, 2012*).