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Training / Career

- 2007-2013: Studies in Psychology (Goethe-Universität Frankfurt am Main)
- 2013-now: Research Associate in the Group „Psychophysiology and Optical Imaging“ (Department of Psychiatry and Psychotherapy, University Hospital Tuebingen)

Research interests

- Executive Functions
- Neural Correlates of Memory Impairment and Hallucinations in Schizophrenia
- Optical Imaging

Publications

Storchak, H., Hudak, J., Fallgatter, A. J. & Ehlis, A.-C. (2019). Entwicklung eines Neurofeedback-Protokolls zur Reduktion verbal akustischer Halluzinationen [Development of a neurofeedback protocol to reduce verbal acoustic hallucinations]. *Psychotherapeut*, 64(3), 202-211.

Storchak, H., Hudak, J., Haeussinger, F. B., Rosenbaum, D., Fallgatter, A. J. & Ehlis, A.-C. (2019). Reducing auditory verbal hallucinations by means of fNIRS neurofeedback – A case study with a paranoid schizophrenic patient. *Schizophrenia Research*, 204, 401-403.

Ehlis, A.-C., Barth, B., Hudak, J., **Storchak, H.**, Weber, L., Kimmig, A.-C. S., Kreifelts, B., Dresler, T. & Fallgatter, A. J. ((2018). Near-infrared spectroscopy (NIRS) as a new tool for neurofeedback trainings – Applications in psychiatry and methodological considerations. *Japanese Psychological Research*, 60(4), 225-241.

Oertel-Knöchel, V., Lancaster, T. M., Knöchel, C., Stäblein, M., **Storchak, H.**, Reinke, B., Jurcoane, A., Kniep, J., Prvulovic, D., Mantripragada, K., Tansey, K. E., O'Donovan M. C., Owen M. J. & Linden, D. E. (2015). Schizophrenia risk variants modulate white matter volume across the psychosis spectrum: evidence from two independent cohorts. *Neuroimage: Clinical*, 7, 764-770.

- Knöchel, C., Stäblein, M., **Storchak, H.**, Reinke, B., Jurcoane, A., Prvulovic, D., Linden, D. E., van de Ven, V., Ghinea, D., Wenzler, S., Alves, G., Matura, S., Kröger, A. & Oertel-Knöchel, V. (2014). Multimodal assessments of the hippocampal formation in schizophrenia and bipolar disorder: Evidences from neurobehavioral measures and functional and structural MRI. *Neuroimage: Clinical*, 6, 134-144.#
- Deppermann, S*, **Storchak, H.***, Fallgatter, A. J. & Ehlis, A.-C. (2014). Stress-induced neuroplasticity: (mal)adaptation to adverse life events in patients with PTSD - a critical overview. *Neuroscience*, 238, 166-177.
- Oertel-Knöchel, V., **Storchak, H.**, Knöchel, C., Grube, M. & Linden, D. E. J. (2013). Causes of Hallucinations: The Role of Metacognitive Dispositions for Psychological Models of Hallucinations. In S. Alvarez (Ed.): *Hallucinations: Causes, Management and Prognosis* (pp. 1-26). New York: Nova Publishers.

Poster

- Storchak, H.**, Oertel-Knöchel, V., Stäblein, M., Rickmeyer, C., Knöchel, C., Bittner, R., Prvulovic, D. & Hampel, H. (2011). Episodische Gedächtnisdefizite bei Patienten mit Schizophrenie im Vergleich zu gesunden Kontrollpersonen (*Poster, Kongress der Deutschen Gesellschaft für Psychiatrie, Psychotherapie und Nervenheilkunde – DGPPN, Berlin, November 23-26, 2011*).

* indicates shared authorship