

# Dr. Hannes Noack

---

## Contact:

Department of Psychiatry and Psychotherapy  
University of Tübingen  
Calwerstr. 14  
72076 Tübingen, Germany  
phone: +49-  
(0) 7071-29 87030  
fax: +49- (0) 7071-295379  
email: hannes.noack@uni-tuebingen.de

## ***Curriculum Vitae***

### **BIOGRAPHICAL INFORMATION**

---

Name: Dr. rer. nat., Dipl.-Psych. Hannes Noack

### **RESEARCH WORK EXPERIENCE**

---

2016-to date	Department of Psychiatry and Psychotherapy, Medical Faculty, Eberhad Karls University Tübingen, Germany
2012-2016	Institute for Medical Psychology and Behavioral Psychology, Medical Faculty, Eberhard Karls University Tübingen, Germany
2007-2012	Max-Planck-Institute for Human Development, Berlin, Germany

### **PUBLICATIONS**

---

#### **Manuscripts in peer-reviewed journals**

**Noack, H.**, Schick, W. Mallot, H.-P., Born, J. (under review). Sleep supports the formation of semantic regions in a virtual environment.

Zinke, K., **Noack, H.**, Born, J. (under review). Sleep augments training-induced improvement in working memory in children and adults..

Bache, C. Springer, A. **Noack, H.**, Stadler, W. Kopp, F., Lindenberger, U., Werkle-Bergner, M. (under review). 10-month-old infants are sensitive to the time course of perceived actions: evidence from a study combining eye-tracking and EEG.

Wenger, E., Martenson, J. **Noack, H.**, Bodammer, N.C., Kühn, S., Schaefer, S., et al. (2014). Comparing Manual and Automatic Segmentation of Hippocampal Volumes: Reliability and Validity Issues in Younger and Older Brains. *Human Brain Mapping*, 35, 4236-4248.

**Noack, H.**, Lövdén, M., & Schmiedek, F. (2014). On the validity and generality of transfer effects in cognitive training research. *Psychological Research*, *78*, 773-789.

Kühn, S., Schmiedek, F., **Noack, H.**, Wenger, E., Bodammer, N.C., Lindenberger, U., & Lövdén, M. (2013). The dynamics of change in striatal activity following updating training. *Human Brain Mapping*, *34*, 1530-41.

**Noack, H.**, Lövdén, M., Schmiedek, F. & Lindenberger, U. (2013). Age-related Differences in Temporal and Spatial Dimensions of Episodic Memory Performance: Before and After Hundred Days of Practice. *Psychology and Aging*, *28*, 467-480.

Lövdén M, Schaefer S, **Noack H**, Bodammer NC, Kühn S, Heinze HJ, Düzel E, Bäckman L., & Lindenberger U. (2012). Spatial navigation training protects the hippocampus against age-related changes during early and late adulthood. *Neurobiology of Aging*, *33*, 620.e9-620.e22.

**Noack, H.**, Lövdén, M., & Lindenberger, U. (2012). Normal aging reduces discriminial dispersion in visuo-spatial short-term memory. *Psychology and Aging*, *27*, 627-637.

Wenger, E., Schaefer, S., **Noack, H.**, Kühn, S., Martensson, J., Heinze, H.J., Düzel, E., Bäckman, L., Lindenberger, U., Lövdén, M. (2012). Cortical thickness changes following spatial navigation training in adulthood and aging. *NeuroImage*, *59*, 3389-3397.

Lövdén M, Schaefer S, **Noack H**, Kanowski M, Kaufmann J, Tempelmann C, Bodammer NC, Kühn S, Heinze HJ, Lindenberger U, Düzel E, & Bäckman L. (2011). Performance-related increases in hippocampal N-acetylaspartate (NAA) induced by spatial navigation training are restricted to BDNF Val homozygotes. *Cerebral Cortex*, *21*, 1435-1442.

**Noack, H.**, Lövdén, M., & Lindenberger, U. (2009). Cognitive plasticity in adulthood and old age: gauging the generality of cognitive intervention effects. *Restorative Neurology Neuroscience*, *27*, 435-453.