

## **Prof. Dr. Patricia Antonia Ohrmann**

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### **Education**

- since 2002    Research Director of Cognitive Neuropsychiatry, School of Medicine,  
                      University of Muenster, Germany
- since 1998    Attending psychiatrist and research fellow at the Department of Psychiatry,  
                      School of Medicine, University of Muenster, Germany
- 1998            Board Certification as Psychiatrist
- 1995            Board Certification as Neurologist
- 1994-1998    Resident at the Department of Psychiatry, University of Muenster, School of  
                      Medicine
- 1989-1994    Resident at the Department of Neurology, State Hospital in Lemgo, Germany
- 1981-1988    Medical school in Bochum, Berlin and Essen, Germany

### **Academic career**

- 1996            Doctor of medicine, MD
- 2010            Habilitation and venia legendi for Psychiatry
- 2013            Professor (apl.) at the Department of Psychiatry

### **Scientific Interests**

Functional imaging in psychiatric disorders (magnetic resonance spectroscopy, fMRI, EEG)

Cognitive and emotional functioning in neuropsychiatric disorders

## Memberships

Organization of the Human Brain Mapping (OHBM)

The Schizophrenia International Research Society (SIRS)

German Society of Psychiatry, Psychotherapy and Nervous Diseases (Deutsche Gesellschaft für Psychiatrie, Psychotherapie und Nervenheilkunde; DGPPN)

World Federation of ADHD

## Reviewer for

Acta Pharmacologica Sinica, American Journal of psychiatry, Biological Psychiatry, Neuroimage, Neuropsychobiology, Neuro-Psychopharmacology & Biological Psychiatry, Neuroreport, Psychiatry Research, Schizophrenia Research, European Archives of Psychiatry and Clinical Neuroscience, World Journal of Biological Psychiatry

## Member of the Advisory Editorial Board

Journal of Psychiatry and Neuroscience

## Research activities/Grants

- |             |  |
|-------------|--|
| 2003 - 2008 | Investigator Initiated Trial: Psychopathological, neuropsychological and neurobiological correlates of differential treatment with neuroleptics in patients with primary manifestation of schizophrenic psychosis. |
| 2008 - 2010 | Innovative Medizinische Forschung: Extraxtriate prefrontal stimulus evaluation in schizophrenia: Grant JU 1 2 0727   |
| 2014 - 2016 | Interference and inhibition processes in adult patients with attention deficit hyperactivity disorder, DFG PE 1882/2-1   |
| 2016-2017   | Implementing a MR spectroscopy method for the in-vivo quantification of the inhibitory neurotransmitter GABA, IMF BA 21 15 13  |
| 2019        | „Skaten statt Ritalin“, a project with the Institute of sports and exercise sciences; Universitätsgesellschaft Münster   |

## Selected publications

1. Materna L, Wiesner CD, Shushakova A, Trieloff J, Weber N, Engell A, Schubotz RI, Bauer J, Pedersen A, **Ohrmann P**. Adult patients with ADHD differ from healthy

- controls in implicit, but not explicit, emotion regulation. *Journal of Psychiatry and Neuroscience* *accepted for publication*
2. Shushakova A, Wiesner CD, Ohrmann P, Pedersen A (2018). Electrophysiological Evidence of an Attentional Bias towards Appetitive and Aversive Words in Adults with Attention-Deficit/Hyperactivity Disorder. *Clinical Neurophysiology*, 129 1937–1946
  3. Shushakova A, **Ohrmann P**, Pedersen A (2018). Exploring deficient emotion regulation in adult ADHD: electrophysiological evidence. *Eur Arch Psychiatry Clin Neurosci*. 268(4):359-371.
  4. Pedersen A, **Ohrmann P** (2018). Impaired Behavioral Inhibition in Implicit Sequence Learning in Adult ADHD. *J Atten Disord*. 22(3):250-260.
  5. Bauer J, Werner A, Kohl W, Kugel H, Shushakova A, Pedersen A, **Ohrmann P** (2016). Hyperactivity and impulsivity in adult attention-deficit/hyperactivity disorder is related to glutamatergic dysfunction in the anterior cingulate cortex. *World J Biol Psychiatry* 15:1-9.
  6. Bauer J, Pedersen A, Scherbaum N, Bening J, Patschke J, Kugel H, Heindel W, Arolt V, **Ohrmann P** (2013). Craving in alcohol-dependent patients after detoxification is related to glutamatergic dysfunction in the nucleus accumbens and the anterior cingulate cortex. *Neuropsychopharmacology* 38(8):1401-8.
  7. Kandil FI, Pedersen A, Wehnes J, **Ohrmann P** (2013). High-level, but not low-level, motion perception is impaired in patients with schizophrenia. *Neuropsychology* 27(1):60-8.
  8. Pedersen A, Wilmsmeier A, Wiedl KH, Bauer J, Kueppers K, Koelkebeck K, Kohl W, Kugel H, Arolt V, **Ohrmann P** (2012). Anterior cingulate cortex activation is related to learning potential on the WCST in schizophrenia patients. *Brain Cogn* 79(3):245-51.
  9. Kersting A#, **Ohrmann P**#, Pedersen A, Kroker K, Samberg D, Bauer J, Kugel H, Koelkebeck K, Steinhard J, Heindel W, Arolt V, Suslow T (2009). Neural activation underlying acute grief in women after the loss of an unborn child. *Am J Psychiatry* 166(12):1402-10. # shared first authorship
  10. **Ohrmann P**, Kugel H, Bauer J, Siegmund A, Kölkebeck K, Suslow T, Wiedl KH, Rothermundt M, Arolt V, Pedersen A (2008). Learning potential on the WCST in schizophrenia is related to the neuronal integrity of the anterior cingulate cortex as measured by proton magnetic resonance spectroscopy. *Schizophr Res*. 106(2-3):156-63.