

**Name:** Prof. Dr. Anja Schneider

**Position:** University Professor (W3)  
Director, Dept. of Neurodegenerative Diseases and Geriatric Psychiatry  
University of Bonn Medical Center  
Group leader DZNE, AG Translational Dementia  
Venusberg-Campus 1, 53127 Bonn/Germany  
Phone: +49-228 287 15715  
E-mail: [anja.schneider@ukbonn.de](mailto:anja.schneider@ukbonn.de)

#### Education/Degrees:

1994 - 2001 MD, Universities of Heidelberg & Hamburg, Medical School  
2003 Doctoral thesis, Prof. Mandelkow, MPI Group f. Structural Molecular Biology,  
Hamburg, Summa cum laude  
2011 Habilitation, University of Göttingen

#### Academic Career:

2002 - 2004 Residency, Department of Neurology, University of Tübingen  
2004 - 2007 Research associate, MPI Exp. Medicine, Göttingen  
2007-2011 Residency, Department of Psychiatry, University of Göttingen  
2011 Board Certification, Psychiatry and Psychotherapy  
2012-2016 Senior Physician, Dept. of Psychiatry and Psychotherapy, University of Göttingen  
2012 – 2014 Heisenberg-Fellow of the DFG  
2014-2016 W2 Professor of Translational Dementia Research, University of Göttingen and  
DZNE Göttingen  
Since 2016 W3 Professor of Clinical Dementia Research, University of Bonn and DZNE Bonn  
Since 2016 Director, Department of Neurodegenerative Diseases and Geriatric Psychiatry,  
University of Bonn

#### Awards and Honors:

2015 Award from the German Society for Psychiatry for research in psychiatric diseases  
2012-2014 Heisenberg Fellowship, German Research Foundation DFG  
2008 Steinberg-Krupp award for Alzheimer Research  
2008 Novartis Fellowship Therapeutical Research  
2007-2009 Heidenreich von Siebold Fellowship  
1995-2002 Fellowship "Studienstiftung des Deutschen Volkes"

#### Memberships, academic and professional duties (selection):

2021-22 Associate Editor, Journal of Alzheimer's Disease  
2020- Steering Committee, Bonn Center for Neuroscience  
2021- Member, Medical Faculty Council, University of Bonn, Germany.  
2017- Member, Research Commission of the Medical Faculty, University of Bonn, Germany

#### Publications

Verena Kluever, Belisa Russo, Sunit Mandad, Nisha Hemandhar Kumar, Mihai Alevra, Alessandro Ori, Silvio O. Rizzoli, Henning Urlaub, Anja Schneider\*, Eugenio F. Fornasiero\* Protein lifetimes in aged brains reveal a proteostatic adaptation linking physiological aging to neurodegeneration. **\*shared last author**  
Accepted, **Sci Adv**.

Stuendl A, Kraus T, Chatterjee M, Zapke B, Sadowski B, Moebius W, Hobert MA, Deuschle C, Brockmann K, Maetzler W, Mollenhauer B, **Schneider A** (2021)  $\alpha$ -Synuclein in Plasma-Derived Extracellular Vesicles Is a Potential Biomarker of Parkinson's Disease. **Mov Disord** **36**, 2508-2518.

Mukherjee C, Kling T, Russo B, Miebach K, Kess E, Schifferer M, Pedro LD, Weikert U, Fard MK, Kannaiyan N, Rossner M, Aicher ML, Goebbels S, Nave KA, Krämer-Albers EM, **Schneider A\***, Simons M (2020) Oligodendrocytes Provide Antioxidant Defense Function for Neurons by Secreting Ferritin Heavy Chain. **\*shared last author Cell Metab 32**, 259-272.e210.

Bartels C, Kögel A, Schweda M, Wiltfang J, Pentzek M, Schickanz S, **Schneider A** (2020) Use of Cerebrospinal Fluid Biomarkers of Alzheimer's Disease Risk in Mild Cognitive Impairment and Subjective Cognitive Decline in Routine Clinical Care in Germany. **J Alzheimers Dis 78**, 1137-1148.

Gong J, Szego É M, Leonov A, Benito E, Becker S, Fischer A, Zweckstetter M, Outeiro T, **Schneider A** (2019) Translocator Protein Ligand Protects against Neurodegeneration in the MPTP Mouse Model of Parkinsonism. **J Neurosci 39**, 3752-3769.

Jain G, Stuendl A, Rao P, Berulava T, Pena Centeno T, Kaurani L, Burkhardt S, Delalle I, Kornhuber J, Hüll M, Maier W, Peters O, Esselmann H, Schulte C, Deuschle C, Synofzik M, Wiltfang J, Mollenhauer B, Maetzler W, **Schneider A\***, Fischer A\* (2019) **\*shared last author**. A combined miRNA-piRNA signature to detect Alzheimer's disease. **Transl Psychiatry 9**, 250.

Bartels C, Wagner M, Wolfsgruber S, Ehrenreich H, **Schneider A** (2018) Impact of SSRI Therapy on Risk of Conversion From Mild Cognitive Impairment to Alzheimer's Dementia in Individuals With Previous Depression. **Am J Psychiatry 175**, 232-241.

Stuendl A, Kunadt M, Kruse N, Bartels C, Moebius W, Danzer KM, Mollenhauer B, **Schneider A** (2016) Induction of alpha-synuclein aggregate formation by CSF exosomes from patients with Parkinson's disease and dementia with Lewy bodies. **Brain 139**:481-494

Kunadt M et al. **Schneider A** (2015) Extracellular vesicle sorting of alpha-Synuclein is regulated by sumoylation. **Acta Neuropathologica 129**:695-713.

Frühbeis C, Fröhlich D, Kuo WP, Amphornrat J, Thilemann S, Saab AS, Kirchhoff F, Möbius W, Goebbels S, Nave KA, **Schneider A**, Simons M, Klugmann M, Trotter J, Krämer-Albers EM. Neurotransmitter-triggered transfer of exosomes mediates oligodendrocyte-neuron communication. **PLoS Biol.** 2013 Jul;11(7):