

# Shuangshuang Zhang, MD

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## University Hospital Bonn

### Dr.med. Candidate

E-Mail: Shuangshuang.Zhang@dzne.de

### Research Expertise

Dr. Shuangshuang Zhang is trained in clinical medicine and pathophysiology. She is interested in understanding the underlying mechanisms in the development and progression of tauopathies and Alzheimer's disease and the impact of neuroinflammation on tau pathology. Techniques she is using include immunohistochemical and immunocytochemical stainings, Western Blot, ELISA, primary cell culture, purification of recombinant proteins.

### Education / Training

2015-2018 Southern Medical University (PhD)  
2012-2015 Southern Medical University (Master of Endocrinology)  
2007-2012 Southern Medical University (Bachelor of Clinical Medicine)

### Appointments / Positions Held

2017 - present, Medical student in the Dept. for Neurodegenerative Diseases and Geriatric Psychiatry/Neurology, Heneka lab, University Hospital of Bonn and German Center for Neurodegenerative Diseases (DZNE), Germany

### Honors / Awards

2014-2015 National Scholarship  
2014-2015 Title of "Excellent Student"  
2012 Title of "Excellent Graduate"

### Most Relevant Publications

Ising C, Venegas C, **Zhang S**, Scheiblich H, Schmidt SV, Vieira-Saecker A, Schwartz S, Albasset S, McManus RM, Tejera D, Griep A, Santarelli F, Brosseron F, Opitz S, Stunden J, Merten M, Kaye R, Golenbock DT, Blum D, Latz E, Buée L, Heneka MT. NLRP3 inflammasome activation drives tau pathology. *Nature* 2019;575:669-673.