



The Section of Translational Neuroimmunology, Department of Neurology at the Jena University Hospital invites applications for A PhD candidate (**wissenschaftlicher Mitarbeiter (m/f/d)**)

Department:	Section of Translational Neuroimmunology
Supervisor:	Prof. Dr. Christian Geis
Salary:	TV-L E13 (1st year 50%; subsequently 65%)
Starting:	at earliest convenience
Term of employment:	3 years

Our interdisciplinary and expanding team is seeking a talented and highly motivated PhD candidate with special interest in neuroimmunology.

The Section of Translational Neuroimmunology is funded by the Schilling Foundation, DFG, and BMBF. Our special research interests are basic pathomechanisms of synaptic changes underlying immune-mediated disorders of the central nervous system. Since 2020 we are heading the DFG research unit 3004 Synaptic pathology in autoimmune encephalitis - SYNABS.

In a DFG funded project basic pathomechanisms of NMDA receptor encephalitis will be investigated. The PhD candidate shall investigate pathophysiological effects of human autoantibodies to the NMDA receptor with special emphasis on molecular, receptor-mediated signaling events that mediate synaptic plasticity. The research program involves molecular biology, cell culture of primary neurons, super-resolution imaging, and electrophysiological techniques. The PhD candidate will be guided and supervised by the experienced team which is composed of experts in the respective research fields.

We welcome applications from candidates fulfilling the following criteria:

- Post-graduate candidates in neurosciences, biology, or related natural sciences
- Basic knowledge in neuroscience and first experience in practical lab work
- Very good language proficiency in English and scientific communication
- Candidates with a high level of motivation and enthusiasm and excellent communication and teamwork skills

Contact:

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At the 25 institutes and 26 clinical centers of Jena University Hospital, the scientists and physicians work both in the fields of fundamental biomedical research and in patient-related clinical research. There are two main aspects that make a university hospital different from non-university hospitals: ambitious research on the highest level and top quality education of students.

We offer an outstanding interdisciplinary research environment as well as:

- Excellent supervision and interaction in a young and motivated research team
- “hot topic” in neurology and neuroscience
- Multidisciplinary projects in the area of biology, medicine, neuroscience, physiology, optics, and immunology
- State-of-the art instrumentation and modern workplaces of excellent quality
- Close collaborations with renowned scientist in the field of neuroscience
- Opportunity for research on an innovative and worldwide unique research platform
- A communicative atmosphere within a scientific network providing top-level research facilities
- Opportunities for participation at national and international meetings
- Integration into one of the local PhD programs
- educational and other family related benefits
- company pension scheme (VBL)
- The place of work is Jena, Germany, a young and lively university town with dynamic business activities, successful scientific centers of innovation, and a vibrant cultural scene

Interested candidates should submit the following documents:

- Curriculum vitae
- Cover letter describing your motivation to work with us
- List of publications
- Contact details and recommendation letters of referees (if applicable)

Please send above mentioned documents via our online recruitment portal: www.uniklinikum-jena.de/Karriere

Reference number: DM38/2020 (internal and external)

Application deadline: August 23rd 2020 - We reserve the right to invite applicants to interviews before the application deadline

In case of equal qualification, persons with disabilities will be given priority.