The University Hospital Bonn is a maximum care facility with a regular capacity of 1,300 beds. Our current staff of more than 8,000 performs assigned duties in research, teaching and medical treatment, including the use of advanced medical technologies, and public health care services at the highest possible level. Interested applicants will be offered a wide range of employment opportunities in a variety of fields.

The “Department of Neurodegenerative Diseases and Geriatric Psychiatry” (Supervisor: Prof. Dr. Anja Schneider), UKB & DZNE Bonn, http://www.dzne.de/schneider offers a

Postdoc position (m/f/d)

The position is fulltime (38.5 h/week) for 3 years with the possibility of an extension.

The translational dementia group investigates the molecular biology and function of extracellular vesicles, mechanisms of Synuclein- and tau aggregation, Synuclein- and tau-related toxicity, extracellular release and propagation of pathology between diseased and so far unaffected recipient neurons in different related neurodegenerative diseases. We are also interested in neuron-glial communication and age-related changes.

The offered project will focus on mechanisms of tau aggregation and extracellular release. Studies will be conducted in a variety of experimental models, including cell culture and mouse models. Primary methods will be molecular biology, cell culture techniques, stereotactic injections, confocal imaging, life-imaging techniques.

The research lab is located at the German Center for Neurodegenerative Diseases (DZNE) Bonn, an institution within the Helmholtz Association of German Research Centers with nine sites across Germany. DZNE cooperates closely with universities, their clinics and research facilities.

Candidates (f/m/d) with a PhD degree in biological sciences (e.g. biochemistry, neuroscience, life science, biology) or biophysics are encouraged to apply. Applicants should have previous experience in neuroscience research, in vivo models of neurodegenerative diseases or confocal microscopy/life imaging/FRAP. Candidates should be fluent in English (written and oral) and possess good communication and team-working skills. We are looking for highly motivated applicants with the ability to work independently and to interact well with the research group members.

We offer

- Excellent working conditions in an interactive and multidisciplinary research environment, with state-of-the-art equipment and qualified training
- Working in an international, highly interactive environment. The research group is also involved in a variety of collaborative projects with other scientific groups in Germany, Europe and the US.
- An interesting and challenging task on the future topics of health research
- A strongly cooperative and supportive international environment with state-of-the-art research facilities and equipment
- A high potential for the individual development of our employees
- Employment, payment and social benefits are determined by the Public Sector Collective Agreement (Tarifvertrag für den öffentlichen Dienst)
The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university. It aims to increase the proportion of women in areas where women are underrepresented and to promote their careers in particular. It therefore urges women with relevant qualifications to apply. Applications will be handled in accordance with the Landesgleichstellungsgesetz (State Equality Act). Applications from suitable individuals with a certified serious disability and those of equal status are particularly welcome.

For further details on the scientific program please refer to http://www.dzne.de/Schneider. Interested candidates should send their applications (in English) including a CV with publication list, a summary of research interests and names and contact details of referees as a single pdf file. Please refer to the application number 336_2020 to:

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