

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.

At the **Institute of Biochemistry and Molecular Biology, University of Bonn Medical School, Germany** is available a

PhD position (m/f/d)

(65%)

In order to fulfil their biological function, proteins must fold into their native three-dimensional structures. Impaired protein folding frequently results in the accumulation of aggregates, a hallmark of neurodegenerative diseases. Several of these pathologies are associated with aggregate formation inside the nucleus, including Huntington's disease, amyotrophic lateral sclerosis and frontotemporal dementia. In light of these observations, it is important to understand the machineries and mechanisms that act in the nucleus to counteract protein aggregation. In this project, we will use the yeast *Saccharomyces cerevisiae* as a model system to investigate molecular mechanisms leading to the clearance of nuclear protein aggregates.

The position starts as soon as possible and for a period of three years, with the possibility of an extension.

The ideal candidates will be highly motivated, team-oriented graduates with strong interests in protein biochemistry, molecular and cell biology. Experience with biochemical, cell and molecular biology techniques are advantageous. Candidates should hold a diploma or a master's degree in Biology, Biochemistry, Molecular Medicine, Chemistry or a related subject.

We offer:

- The salary will be according to the German salary scale TV-L (E13, 65%)
- Supportive mentoring and a well-equipped laboratory
- Successful candidates will be awarded a PhD
- A "Großkundenticket" (subsidized public transport) is available
- There is also a possibility to use the day care center
- Supplementary benefits in the public sector (pension plan according to VBL)

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 under-represented 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.

Questions concerning the project can be addressed to Dr. Fabian den Brave. Applications by email only can be sent to denbrave@uni-bonn.de. Please send you application until 18.01.2021 referring to the application number 804_2020.

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