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 offers in fulltime (38.5 h/week) a

**lab technician (m/f/d) (BTA / MTA) or B.Sc. in Biology (m/f/d)**

The position is limited for a period of three years, with the possibility of an extension.

Our basic research in the laboratory is aimed at a better understanding of molecular mechanisms in the regulation of inflammatory mechanisms in a variety of neurodegenerative diseases. To this end, we use new preclinical mouse models and state-of-the-art scientific techniques such as two-photon microscopy, transcriptome analysis and induced pluripotent stem cells (iPSCs). Our current clinical research focuses on various aspects of neuroinflammation in neurodegenerative and cerebrovascular diseases. The goal is to identify new biomarkers and to develop new medical treatment options.

**Responsibilities includes:**

The candidate will

- perform cell culturing of iPSC (e.g. generation and differentiation of iPSCs into neurons and microglia, has to carry out experiments according to protocols.
- help in the preparation and processing (cells or tissue isolation) of biological samples (murine and human samples)
- help running readout assays ELISA, Western blot, IHC...
- help in general laboratory tasks with the others TA (e.g. lab management, ordering).

**Education & Experience:**

- Degree as lab technician (m/f/d) (BTA / MTA) or B.Sc. in Biology or related discipline
- Extensive experience in cell culture work is required
- Strong experience in working with iPSCs cells is required (generation, maintenance and differentiation)
- Knowledge in CRISPR/ Cas9 gene editing methodology is a strong plus

**We offer**

- The salary will be according to the German salary scale TV-L
- A “Jobticket” (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 an equal opportunities employer. To ensure the optimal compatibility of work and family life for our employees, we offer the opportunity for flexible working time. Moreover, there is a kindergarten located on the medical campus.
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.

Applications can be sent until the 26th of August. Please refer to the application number 417_2020.

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