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 Life&Brain Center, UKB & Medical Faculty, University of Bonn invites applications for a

**PhD position (m/f/d)**

**Modulation of Cx43 Expression and Targeting of the Myocardial Scar: Impact on Cell Fate, Scar Formation and Electrical Vulnerability Post-MI.**

Scope of the present project is to explore the protective mechanism(s) underlying Cx43 (over-) expression in the myocardial scar, its potential adverse effects, and also novel approaches to target the cardiac scar area by gene therapy. Our longterm goal is to establish a novel biological treatment option to prevent post-MI VT.

We seek PhD candidates who are highly motivated to work on a state-of-the-art research topic in a highly dynamic and supportive research environment. The ideal candidate has a Background in Molecular- and Cell Biology or Physiology, excellent MSc in a field relevant for the proposed study and English language proficiency at level B2 or higher. Prior experience in the handling of animals and cell culture techniques would be desirable but not required.

We offer:

- The salary will be according to the German salary scale TV-L (EG 13)
- 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)
- Chance to attend international conferences (f.e. ISTH conference)

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. The position is for 3 years.
Questions concerning the project can be addressed to Prof. Dr. Wilhelm Röll (Contact: jobs@SFB1425.uni-freiburg.de).
Please refer to the application number 351_2020. Applications please via the SGBM portal.

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