The Institute of Human Genetics, Department of Genomics, School of Medicine, University of Bonn, Germany, offers a

**PhD position (TV-L E13, 65%) (m/f/d)**

starting July 2019.

The PhD position is offered by the research group on androgenetic alopecia. The group aims at the systematic identification of genetic risk factors for androgenetic alopecia, the investigation of their functional effects and their classification into biological networks and signaling pathways in order to elucidate the biological mechanisms that underlie the hair loss.

The Institute of Human Genetics is one of Germany’s leading centers in the identification of genetic risk factors for multifactorial disorders. It provides a unique scientific environment for researchers, combining expertise in the analyses and interpretation of genomic data and providing access to state-of-the-art high-throughput genomic technologies (microarrays, next- and third-generation-sequencing, bioinformatics).

The successful candidate will work in a young and highly motivated group with a focus on genetic as well as molecular biology methods, where he will apply state-of-the art sequencing and array-based technologies; manage and analyze the generated data and experimentally follow-up relevant findings.

We are seeking a highly motivated, team-oriented graduate candidate with a strong interest in human genetics and complex disease who is eager to work in a modern laboratory environment and to apply cutting-edge genomic and molecular biology technologies. Preferably, the successful candidate will hold a diploma or a master’s degree in Biomedical Sciences, Molecular Biology or a related subject. Proficiency in English, basic knowledge of German as well as good skills in using molecular genetics techniques (DNA/RNA purification and analysis, cell culture, PCR) are required. Experience in CRISPR/Cas, IF, NGS, and cloning as well as experience in the use of computers and computational tools (MS Office, MS Windows, Linux, R), and applied data analysis and database usage are beneficial.

The PhD position will be integrated into the PhD Program of the School of Medicine at the University of Bonn and the Graduate School of Clinical and Population Sciences. We offer supportive mentoring and a well-equipped laboratory.

The position is initially limited to three years with the possibility of extension.

**We offer:**

- The salary will be according to the German salary scale (EG 13, 65%)
- A “Joticket” (subsidized public transport) is available
- There is a possibility to use the day care center
- Supplementary benefits in the public sector (pension 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.

For further information, please email Dr. Stefanie Heilmann-Heimbach (PhD_alopecia@uni-bonn.de).

Applicants should send their application in a single PDF-file including cover letter, detailed CV, scanned academic degrees and the contact details of two referees by email only to PhD_alopecia@uni-bonn.de within two weeks after publication, mentioning Reference number 172_2019.

Dr. rer. nat. Stefanie Heilmann-Heimbach  
Institute of Human Genetics  
Department of Genomics - Life&Brain Center  
Sigmund-Freud-Straße 25  
53127 Bonn, Germany  
Email: PhD_alopecia@uni-bonn.de