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 Institute of Virology, University of Bonn Medical School, Germany, invites applications for a

PhD position (m/f/d) (65 %)

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

The ideal candidate will be a highly motivated, team-oriented graduate with a strong interest in immunology. Experience with mammalian cell culture, flow cytometry or molecular biology techniques is advantageous. Candidates should hold a diploma or a master’s degree in biology, biochemistry, biomedicine or a related subject.

The main focus of the project will be humoral immunity of individuals infected with different viral infections (HIV, West Nile Virus, etc). Using systems serology approach plasma samples of viremic individuals will be analyzed for the presence of pathogen-specific antibodies, after which their qualitative and quantitative properties will be examined. High-throughput assays allowing measurement of cell-dependent (ADCC, ADCP, ADNP) and cell-independent (neutralization, ADCD) effector functions of antibodies will be applied. This will allow us to identify individuals with potent humoral response and set the ground for isolation and in vitro production of the antibodies with potential for use in clinical applications.

The PhD position will be integrated into the THEME PhD Program of the University of Bonn Medical School. We offer supportive mentoring and a well-equipped laboratory.

Successful candidates will be awarded a PhD.

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)

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 by email only can be sent to daniela.splettstoesser@ukbonn.de. Please refer to the application number 350_2020.

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