

We combine excellence in research, education and hospital care. The university clinic in Bonn is a hospital of maximum care with more than 1,300 regular beds. With our 38 clinics, 31 institutes and more than 8,000 employees (more than 5,000 full-time employed) we are one of the biggest employers in Bonn. Annually we take care for ca. 50,000 patients on our stations, ca. 35,000 emergencies and about 350,000 outpatient treatments. Our employees work in many different fields such as medicine, research, administration and management, and more.

The research group “**Cellular Virology**” at the Faculty of Medicine of the **Rheinische Friedrich Wilhelms-University Bonn** invites applications for a

PhD Student position in infection biology (m/f/d) **(part-time position 65 %)**

The position is available for a period of 3 years, with the possibility of extension.

We are seeking a highly motivated candidate to fill a Ph.D. student position in infection biology in the research group “Cellular Virology” under the direction of **Jun.- Prof. Dr. Stephanie Jung**.

The group is embedded into the Cluster of Excellence ImmunoSensation2 in Bonn and offers a great environment for young researchers. We investigate the interaction between viral infections and innate immunity. These innate defense processes are evolutionary conserved pathways restricting viral replication and spread. However, viruses developed immune evasive mechanisms circumventing these functions or even using them for their own benefit. In this respect, the new and innovative field of extracellular vesicles has led to many surprising findings in the recent years. The PhD project will investigate pro- and antiviral mechanisms of innate immunity using the example of hepatitis B virus infection.

The PhD position will be integrated into the local graduate program BIGS Immunosciences and Infection with outstanding training opportunities in multidisciplinary, interconnected scientific fields and supported by the additional mentoring and networking opportunities. PhD students (and postdocs) will benefit from state-of-the-art technologies, high-end laboratories, a vibrant scientific network and an internationally competitive scientific training program.

Requirements:

- Master or diploma in life science (biology, biomedicine, molecular medicine or comparable studies)
- profound knowledge in basic molecular biological methods and cell culture
- experience in working with RNA and / or infection biology methods would be ideal
- ability to work independently and in a team
- excellent management and communication skills
- strong ability to draw logical conclusions
- high intrinsic motivation and enthusiasm as well as a deep interest in Biomedicine and infection biology
- English or German skills at C1 level or higher
- experienced handling of MS Office applications

We offer:

- A salary according to the German salary scale TV-L E13
- Corporate customer ticket (subsidized public transport) is available
- Possibility to use the day care center
- Supplementary benefits in the public sector (pension plan according to VBL)
- A diverse and demanding job with one of the largest employers in the region
- An innovative research area with an extremely collegial approach and many possibilities for novel discoveries and development of your own ideas

- A good methodical education and excellent supervision in a small friendly group
- Best possible support in your professional development
- Possibility for further education in university and non-university courses

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.

If you are interested in the position, please send your application as a single pdf-file including a cover letter, curriculum vitae, university-entrance certificate, university certificates and two references. Applications should be send by email until 28/02/22 under indication of reference number 628_2021 to:

Jun.-Prof. Dr. Stephanie Jung
“Cellular Virology”
University Hospital Bonn
Venusberg-Campus 1
53127 Bonn
Email: sjung@uni-bonn.de