

We combine excellence in research, teaching and patient care. The University Hospital Bonn is a maximum care hospital with more than 1,300 beds. With around 38 clinics and 31 institutes as well as more than 8,000 employees (over 5,000 full-time staff), the UKB is one of the largest employers in Bonn. Every year, the UKB treats around 50,000 inpatients and around 35,000 emergencies, as well as providing over 350,000 outpatient treatments.

The Emmy Noether research group of Florian I. Schmidt **at the Institute of Innate Immunity** of the University of Bonn is currently offering the following part-time position (65 %)

PhD position in Molecular Immunology/Virology (m/f/d)

The position is available for three years.

The Schmidt lab takes an entirely novel approach to study the cell biology of the innate immune system: We generate custom-made nanobodies to interfere with and to visualize activation antiviral signaling pathways in highly specific ways. Our tools render the fascinating signaling complexes of the innate immune system accessible to systematic analysis in an unprecedented way. We aim to elucidate the molecular mechanisms of antiviral signaling complexes and their regulation using a broad range of viruses. We address mechanistic questions from multiple perspectives using cell biological, biochemical, immunological, and virological approaches in combination with advanced imaging techniques and protein engineering.

Our requirements:

- Enthusiasm for research in a collaborative environment
- Strong interest in solving fundamental or applied biological problems
- Commitment to the research project
- Experience in cell biology, biochemistry, immunology, and/or virology (PhD / Master or equivalent)
- Excellent degrees and track record
- Very good communication skills (English)

We offer:

- Challenging projects at the interface of cell biology, immunology, and virology
- A stimulating, multidisciplinary research environment in the Cluster of Excellence 'ImmunoSensation' and the Institute of Innate Immunity at the University of Bonn
- Salary will be according to the German salary scale TV-L EG 13
- Graduate students will be integrated into the 'International Immunology Training Program Bonn' (IITB)
- 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.

Contact information

Full applications should include a brief statement on research interests, a CV, list of publications (if applicable), and contact information for two referees, compiled into a single pdf file. Please contact Florian I. Schmidt (fschmidt@uni-bonn.de) for further information.

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