

The Rheinische Friedrich-Wilhelms-Universität Bonn is an international research university that offers a wide range of degree programs. With 200 years of history, about 38,000 students, over 6,000 employees, and an excellent domestic and international reputation, Bonn University is among Germany's leading universities.

The Schlitzer Lab is looking for a highly motivated doctoral student investigating mononuclear phagocytes' development and functional specialization during acute and chronic inflammation in the murine epididymis using state-of-the-art single-cell technologies. Starting at the earliest date possible for 3 years initially, this position will be integrated into the newly established DFG-funded research Unit INFINITE on epididymal Immunology, the Cluster of Excellence Immunosensation², and the PRECISE platform of the University of Bonn, and the German Center for Neurodegenerative, diseases.

The Schlitzer Lab at the Life and Medical Sciences Institute (<https://bit.ly/2RXDH0M>) integrates spatial single-cell OMICS, high-dimensional imaging, and flow cytometry to unravel novel mechanisms and regulatory circuits during the functional specialization and development of mononuclear phagocytes.

1 Doctoral student position (65%, TVL13) position in Spatial immunology of the Epididymis

- Your profile:
- Master degree in biomedical sciences, biology, bioinformatics, or a similar subject
 - Background in Immunology
 - Background in Imaging or Spatial transcriptomics technologies
 - Willingness to work with animals
 - Knowledge of flow cytometry
 - Knowledge of the programming language R or Python
 - excellent command of the English language
 - motivated, flexible, team oriented and interested in continued professional development.

- We offer:
- a varied and challenging position in a thriving academic environment
 - access to state-of-the-art spatial single cell biology methods
 - embedding with an established cluster of excellence in Immunology and a newly established Research unit on epididymal Immunology
 - Integration into the graduate school of the Cluster of Excellence Immunosensation²
 - a professional career development program
 - participation in the university-wide pension system (VBL)
 - access to the extensive university sports program
 - a salary based on the TV-L scale

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university and aims to increase the proportion of women employed in areas where women are under-represented and to promote their careers. To that end, it urges women with relevant qualifications to apply. Applications will be handled in accordance with the *Landesgleichstellungsgesetz* (State Equality Act). Applications from suitable candidates with a certified disability or equivalent status are welcome.

If you are interested in this position, please send your **complete application documents** by **17.05.2024** to **andreas.schlitzer@uni-bonn.de** with the **application code INFINITE/Bonn/Schlitzer**. A full application should consist of a CV, a one-page summary of your previous work, and the contact details of two referees. Before sending your application, please combine and convert all of your documents into one PDF file. For further information, please contact Andreas Schlitzer (Tel.: 0228/7362847).