

Within the Institute of Clinical Chemistry and Clinical Pharmacology at the Faculty of Medicine of the Rheinische Friedrich-Wilhelms-University Bonn the laboratory of Prof. Swantje Liedmann is looking for a

PhD candidate in immune epigenetics (f, m, d)

starting February 2024 for three years.

The Institute of Clinical Chemistry and Clinical Pharmacology represents the two areas of Clinical Chemistry and Clinical Pharmacology in research, teaching, and healthcare. It includes the Central Laboratory of the University Hospital, a Phase I unit for early clinical trials, and numerous research groups. The institute is member of the Cluster of Excellence ImmunoSensation, the Center for Integrated Oncology (CIO) Cologne Bonn, and the German Center for Infection Research (DZIF).

In the Liedmann lab our research is focused on generation-spanning immune regulation. How does the environment influence the epigenetic landscape of our germ cells? How are changes to the epigenetic landscape transmitted through generations? And how does that shape the immunity of our children and grandchildren? Questions like these are driving our work. To answer those questions, we utilize human and mouse germ cells, *in vivo* model systems, and state of the art sequencing technologies.

We are looking for candidates with

- a strong motivation to work in the field of environmental immunology
- a master's degree or equivalent
- a background in immunology, epigenetics, or a related field
- the ability to work with *in vivo* models
- preferably experiences in the analysis of sequencing data
- a collaborative attitude and ability to work both independently and in a team
- very good English skills

We are offering

- work in a young, highly motivated, international team
- the opportunity to make an impact in a newly emerging, highly relevant field of research
- comprehensive training and networking options
- exposure to cutting edge research technologies (scRNAseq, ATACseq, CUT&RUN)
- a salary according to TV-L13/65%
- additional public service pension (VBL)
- a job ticket for convenient commuting

The University of Bonn is an equal opportunities employer.

Your complete application in English includes a motivation letter (max. 1 page), your CV, a brief statement of research experiences and interests, and contact information of two referees. Please send a single pdf file to Swantje Liedmann (Swantje [dot] Liedmann [at] ukbonn [dot] de) by **31.12.2023**. For more information visit <https://liedmannlab.com>.