



The **University of Bonn** is an international research university offering a broad range of subjects. With a 200-year history, some 31,500 students, more than 6,000 employees and an outstanding reputation in Germany and abroad, the University of Bonn is one of the leading universities in Germany and has been awarded the status of a University of Excellence.

The LIMES Institute is looking for a

PhD candidate (m/f/d) 65 %

to start from **December 2025 or later** initially limited to **3 years** according to **§ 2 (1) WissZeitVG**.

The research group of Prof Mihai Netea investigates the mechanisms of the reversal of immune tolerance in the context of sepsis with ultimate goal to improve patient treatment. In this project in particular we investigate the role of LXR signaling using human samples, cell lines and mouse models. The project is in a close collaboration with the University of Münster.

Your tasks:

- conducting *ex vivo* and *in vitro* experiments using molecular biology and immunology techniques,
- basic and multiomics data analysis,
- development and optimization of experimental protocols,
- generation and validation of scientific hypothesis,
- writing scientific texts,
- support for research and teaching activities in the field of immunology,
- active participation in seminar, lab meetings, scientific conferences, workshops.

Your profile:

- Master degree in Immunology, Molecular Biology, Bioinformatics or related field,
- knowledge of molecular biology and immunology techniques, bioinformatic skills,
- good communication in English,
- motivated, flexible, team-oriented and interested in further training.

We offer:

- a varied, challenging job with one of the largest employers in the region,
- the opportunity to complete a doctorate,
- occupational pension (VBL),
- many options available for university sports,
- excellent access by public transport thanks to Bonn's central location as well as the opportunity to take advantage of low-cost parking,
- ability to work from home,
- remuneration in accordance with TV-L pay grade 13.

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university. The University of Bonn seeks to increase female representation in staffing areas where women are underrepresented and provide special career support. It thus expressly encourages qualified women to apply. Applications will be handled in accordance with the NRW State Gender Equality Act (*Landesgleichstellungsgesetz, LGG NRW*). Applications from qualified candidates with a certified severe disability or from those of equal status are especially welcome.

If you are interested in this position, please send your **complete** application by **September 28, 2025, quoting reference 2025/97**. For technical reasons, applications may **only be submitted by email as a single PDF file** to kplacek@uni-bonn.de. For further information please contact Dr. Katarzyna Placek (Tel.: 0228 / 73 62787).