

The Institute of Clinical Chemistry and Clinical Pharmacology (research group of **Dr. Nicola Diny**) at the Faculty of Medicine, University of Bonn invites applications for a

## Postdoc position in Immunology (TVL13/100%) (m/w/d)

### Project: Eosinophil metabolic rewiring in the context of tissue adaptation

**Research group:** The Diny lab focuses on myeloid cell biology, in particular the role of eosinophils and macrophages in tissue homeostasis and disease. We identified the environmental sensor and transcription factor AHR as a key factor that drives eosinophil adaptation and function in the intestine (PMID: 35238865), and now focus on how eosinophils adapt to different tissue environments on the transcriptional, epigenetic and metabolic level. Our group uses genetic tools and novel technologies to understand the interactions between immune cells in the tissue context and how inflammation or infection alter the behaviour and function of myeloid cells. We are embedded in the major immunology research hub in Bonn with access to state-of-the-art facilities. <https://www.ukbonn.de/ikckp/forschung/ag-diny/>

**The project** aims to understand how eosinophils adapt their metabolism to reside and function within different tissue environments. Eosinophils contribute to diseases like asthma and allergy, but also promote tissue regeneration after injury. How these different functions are controlled is unclear. Genetically modified in vivo models and in vitro cell culture systems will be used to study which metabolic pathways are essential for eosinophil function. Advanced flow-cytometric, imaging, CRISPR gene silencing, and single cell sequencing studies will be combined with bioinformatic tools to answer these questions.

**We are seeking** a highly motivated postdoc with a PhD degree in Immunology, Metabolism, Molecular Medicine, Biology, or equivalent and a strong practical research background. Experience with animal models, in immunology or metabolism research and bioinformatics data analysis are desired. The candidate should have high scientific standards and be highly motivated to join a growing team of international researchers in a dynamic working environment. Excellent written and spoken English skills are mandatory.

**The position** is available from 01. September 2026 for 2 years.

**Apply** by sending your letter of motivation with a description of your research experience, CV, and two reference contacts by email to [nicola.diny@uni-bonn.de](mailto:nicola.diny@uni-bonn.de) as a single PDF file. Motivated candidates are invited to send their application as soon as possible and by **31<sup>st</sup> May 2026** at the latest (we will do rolling interviews). Selected candidates will be interviewed by video conference or in person.

**At the UKB**, we offer a salary according to German salary scale TV-L and supplementary benefits according to the VBL pension plan. A subsidized public transport ticket (Jobticket) is available. The University of Bonn is committed to being an equal opportunity employer in our recruitment efforts and is a certified family-friendly university. Preference will be given to suitably qualified female applicants or individuals with disability, all other considerations being equal.