

The University Hospital Bonn (UKB) is a maximum care hospital with more than 1,300 beds. Our more than 9,000 employees take on tasks in research, teaching and patient care as well as in public health at the highest level. In the science ranking (LOMV) and in the economic result, the UKB is number 1 of the university hospitals in NRW and in 2021 had the third highest case mix index of the university hospitals in Germany.

The working group of Prof. Dr. Eicke Latz in collaboration with the group of Dr. Róisín McManus, at the Institute of Innate Immunity of the University Hospital Bonn, invites applications for a full-time position to be filled from 01.01.2024 due the project - initially limited until 31.12.2025.

Postdoktorand/in (100 % Beschäftigung)

We are seeking a highly motivated postdoctoral fellow to conduct research at the interface of neuroscience and immunology. The project aims to understand how microglial metabolism changes upon innate immune stimulation, and the impact of key metabolites on canonical microglial function. In particular, the role of the NLRP3 inflammasome will be assessed, and the influence of aging or prior pathology, such as Alzheimer's disease.

We are looking for an enthusiastic scientist, with a desire to work on a rewarding project as a part of a supportive, international team. Applicants with a PhD, or expecting to graduate within the next four months will be considered. The ideal candidate will have a background in immunology, neuroscience or cell metabolism. Experience working with cell culture (e.g. murine microglia or microglia generated from human iPSCs), animal models, metabolic assays, flow cytometry, fluorescence imaging or biochemical techniques will be preferred.

We offer:

- Integration into the postdoctoral network of the Excellence Cluster Immunosensation²
- A state-of-the-art laboratory environment (BMZ2 and DZNE)
- Exciting and varied techniques and methods
- Remuneration according to TV-L (EG 13), with all public service benefits (including additional benefits and annual special payments)
- Workplace Health Promotion
- Further education and training offers
- The possibility of using the company kindergarten

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. For questions related to the position, please contact Dr. Róisín McManus at roisin.mcmanus@uni-bonn.de

Please send your application documents (including a statement of research experience and interests, with the addresses of three referees) by e-mail until 19th of December 2023, quoting the job advertisement no. 925_2023:

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