

The University Hospital Bonn is a maximum care facility with a regular capacity of 1.300 beds. Our current staff of more than 8.000 performs assigned duties in research, teaching and medical treatment, including the use of advanced medical technologies, and public health care services at the highest possible level. Interested applicants will have access to a wide range of employment opportunities in a variety of fields.

The **Division of Endocrinology, Diabetes, Metabolism at University Hospital Bonn, Germany** offers a

Post-Doc Position (m/f/d) in Physiology and Molecular Metabolism

The full time position starts as soon as possible and is limited until end of 2025 with the possibility for extension.

Our Department focuses on health aspects of modern human lifestyle and their integration into systemic metabolic control in health and disease, ranging from chronic inflammatory disease to autoimmunity, obesity and related cardiovascular and metabolic diseases to cancer and neurodegeneration. Key topics of our lab include intestinal dysbiosis, environmental aspects of appetite regulation, molecular mechanisms of adipose tissue (dys-) function, gut-brain-adipocyte - crosstalk, immunometabolism, cell stress pathways, target identification and validation of novel therapies for obesity, diabetes and related metabolic diseases.

The research position will strengthen the interface between basic and translational research on the interplay between environmental signals, the microbiome, the mammalian host, and the immune system related to obesity and chronic inflammatory metabolic diseases.

The position will primarily support our project within the SFB/Transregio **BATenergy** (<https://www.trr333.uni-bonn.de/>) as well as collaborations with the Cluster of Excellence **ImmunoSensation**, the **LIMES Institute** and with the **University of Bochum**. The position will therefore require a manageable amount of flexible travelling activities.

Candidates should hold a PhD in a relevant subject (e.g. microbiology, physiology, immunology, neurobiology, cellbiology, biochemistry or molecular biology). The ideal candidate will be a highly motivated, team-oriented postgraduate with a strong interest and hands-on expertise in physiology, biochemistry, and molecular metabolism. Experience with one or several of the following techniques is advantageous: energy metabolism analyses (e.g. Seahorse, OxPhos assays, metabolic cages), multi-omics approaches, microbiome analysis, RNA-Seq, immunohistochemistry, biochemistry and/or molecular biology. The candidate will be expected to present data in both domestic and international conferences and to significantly contribute to the writing of research papers and grant applications.

What we offer:

- The salary will be according to the German salary scale TV-L (EG 13).
- A “Jobticket” (subsidized public transport) is available.
- There is also a possibility to use the day care center.
- Supplementary benefits in the public sector (pension plan according to VBL) are available.

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.

Please refer to the application ID *Fenske_TRR_PD_2023*. Questions concerning the position can be addressed to Prof. Dr. Wiebke Fenske (PI) or PD Dr. Andreas Till (lab head). Applications including CV, list of publications, contact details for three references, and a short research concept can be sent (by email only) to

Prof. Dr. Wiebke Fenske
Division of Endocrinology, Diabetes and Metabolism
University Hospital Bonn
Venusberg-Campus 1
D-53127 Bonn
Email: wiebke.fenske@ukbonn.de

or

PD Dr. A. Till
Medizinischen Klinik und Poliklinik I
Gebäude 13 (Biomedizinisches Zentrum / BMZ)
Universitätsklinikum Bonn
Venusberg-Campus 1
D-53127 Bonn
E-Mail: a.till@uni-bonn.de

UKB-Instagram-Account:

