

Postdoctoral researcher (m/f/d) in the field of Intestinal Microbiology/Microbiome

About us

The research activities at the Chair of Nutrition and Immunology, headed by Prof. Dr. Dirk Haller, are focused on **Nutrition and Microbiome**.

The intestinal microbiome plays a fundamental role in the regulation of human health. Changes in the composition and function of this complex microbial ecosystem contribute to the development of chronic intestinal diseases, including inflammatory bowel diseases and colorectal cancer. The current hypothesis suggests that genetic, environmental (i.e. nutrition), and microbial factors orchestrate the pathophysiology of these interrelated diseases. The isolation of intestinal bacteria and the identification of disease-associated microbial factors are key to understand microbe-host interactions, which forms a major scientific focus of the Chair of Nutrition and Immunology.

The Chair is integrated into the ZIEL - Institute for Food & Health at the Technical University of Munich (TUM), one of Europe's top universities. TUM is committed to excellence in research and teaching, interdisciplinary education and the active promotion of promising young scientists.

Candidate profile

We are looking for an outstanding self-motivated postdoctoral researcher. The candidate should have a strong track record and experience in microbiology (e.g. high-throughput sequencing, microbial ecology) and should be willing to work on the isolation and cultivation of bacteria and is expected to work with mouse models. The candidate should also have the ambition and commitment to achieve excellence in a highly productive environment.

Our offer

We offer a challenging interdisciplinary project at the interface of nutrition, microbiome research and biomedicine, well-equipped laboratories with top-notch facilities (germ-free mouse house, high-throughput techniques for sequencing and mass spectrometry) and a fruitful scientific atmosphere. The postdoctoral candidate will be involved in projects of the DFG funded Collaborative Research Center (CRC) 1371 Microbiome Signatures.

The position is immediately available and funded for 2 + 1 years. Salary will be determined according to the German collective wage agreement in public service (TV-L 13).

Application

If you are interested in this opportunity, please send your electronic application preferably in one single pdf-document by **latest August 30, 2019** to ingrid.schmoeller@tum.de.

For full consideration, the application should include a cover letter, a detailed CV, a brief statement of your research experiences and interests, certificates and the names and contact information of two references.

TUM is an equal opportunity employer. Qualified women are therefore particularly encouraged to apply. Handicapped persons having an equivalent experience will be preferred.

Contact

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When you apply for a position with the Technical University of Munich (TUM), you are submitting personal information. With regard to personal information, please take note of the [Datenschutzhinweise gemäß Art. 13 Datenschutz-Grundverordnung \(DSGVO\) zur Erhebung und Verarbeitung von personenbezogenen Daten im Rahmen Ihrer Bewerbung.](#) (data protection information on collecting and processing personal data contained in your application in accordance with Art. 13 of the General Data Protection Regulation (GDPR)). By submitting your application, you confirm that you have acknowledged the above data protection information of TUM.