



The **Cluster of Excellence “Controlling Microbes to Fight Infections” (CMFI)** at the **University of Tübingen**, aims to understand and control microbial communities to fight infections. Our consortium uses highly multidisciplinary approaches at the interface of microbiology, microbial ecology, mass spectrometry-based metabolomics, and proteomics as well as chemical biology.

<https://uni-tuebingen.de/forschung/forschungsschwerpunkte/exzellenzcluster-cmfi/cmfi/>

For a collaborative research project within the research cluster, we are looking for a:

Postdoctoral Researcher (f/m/d)

to strengthen our team and to work on the **development of a synthetic microbial community** that mimics the **human microbiome** to study **metabolic exchange between microorganisms and the host**.

The position will initially be offered for two years with salary according to TV-L, E13 (100%). Besides an inclusive environment, supportive mentoring and guidance for your individual career development, we provide detailed scientific training and access to state-of-the-art equipment as well as an open science environment. Beyond scientific publications, this will include conference visits, organization and attendance of workshops and close collaborations with other research groups, including possible research visits at other universities.

As part of the CMFI Cluster of Excellence, you will be working in an excellent research environment with plenty of potential collaboration partners, a high amount of independence, and possibilities to develop and apply for funding for your own research ideas.

The focus of the position will be on research (no formal teaching duties); however, there will be the possibility to participate in college level teaching and mentoring of bachelor and master students.

At the time of employment, the candidate should have a PhD degree in microbiology/microbial ecology, biochemistry, biotechnology, or related fields. We expect that the candidate will be interested in highly interdisciplinary microbiome research; has an independent, responsible, and committed work attitude and is fluent in (scientific) English. We expect **strong knowledge in microbiology and microbial ecology** as well as a strong interest to **develop and apply synthetic microbial community** models in combination with bioanalytical techniques such as next generation sequencing and mass spectrometry-based metabolomics and proteomics.

Please send your application as a single PDF (including a brief statement on your research interests and experience; your CV; list of publications; contact information for two academic references; university transcripts to:

hannes.link@uni-tuebingen.de and daniel.petras@uni-tuebingen.de

The University of Tübingen is an Equal Opportunity Employer with a strong institutional commitment to excellence through diversity. All qualified applicants will be considered for employment without regards to gender, race, color, national origin, sexual orientation, religion, disability, or age.

The review of applications will begin **June 15th 2022** and will continue until the position is filled.

More infos: www.linkmetabolism.com and www.functional-metabolomics.com