



The **Functional Metabolomics Lab**, part of the **Cluster of Excellence “Controlling Microbes to Fight Infections” (CMFI)** at the **University of Tübingen**, aims to understand and control microbial communities in order to contribute to the fight against infections. The group uses a multidisciplinary approach at the interface of natural product research, mass spectrometry-based metabolomics, and proteomics as well as chemical biology (www.functional-metabolomics.com).

For a project in the Collaborative Research Center CellMap (<https://trr261.de>), we are looking for a:

Postdoctoral Researcher (f/m/d)

to work on **the application of native mass spectrometry and metabolomics approaches to study ClpP protease regulation mechanisms and the screening for new inhibitors.**

For the position, we offer salary according to TV-L, E13 (100%). Besides inclusive environment, supportive mentoring and guidance for your individual career development, we provide detailed scientific training and access to state-of-the-art equipment and open science communication. 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 in Tübingen, you will be working in an excellent research environment with plenty of potential collaboration partners, a high amount of autonomy, and possibilities to develop and apply for funding for your own research ideas. The main 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 analytical chemistry, biochemistry, biotechnology, or a related field. We expect that the candidate will be interested in highly interdisciplinary research; has an independent, responsible, and committed work attitude and is fluent in (scientific) English.

We expect strong knowledge of and interest to further develop bioanalytical techniques, in particular high-resolution mass spectrometry-based approaches.

Ideally, the candidate will bring experience in native mass spectrometry and protein biochemistry methods, such as heterologous protein expression and protein purification

Applications and inquiries should be sent to daniel.petras@uni-tuebingen.de

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

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.