The Max Planck Institute for Developmental Biology in Tübingen invites applications for the position of a

**Mass Spectrometry Core Facility Manager (m/f/d)**

We are seeking a highly motivated and experienced scientist (m/f/d) with a broad methodological repertoire and considerable expertise in mass spectrometry.

The successful candidate will be in charge of managing our newly established interdisciplinary mass spectrometry core facility at the Max Planck Campus in Tübingen. The successful applicant will be responsible for ensuring the mass spectrometry core facility is set up so as to complement the research of our institute which addresses fundamental questions of modern biology at the molecular, cellular, and organismic level.

Our mass spectrometry core facility will be equipped with an ultra-high resolution QTOF mass spectrometer (impact II™, Bruker) and a state-of-the-art magnet resonance mass spectrometer with a dual ESI/MALDI ion source (scimaX, Bruker) allowing for maximum flexibility that can be used for both conventional mass spectrometry analysis and mass spectrometry imaging. The instrumentation includes two high performance HPLC and UHPLC systems (UltiMate 3000, ThermoFisher Scientific and Elute UHPLC System, Bruker) and all accessories needed for mass spectrometry imaging workflows including a Leica cryostat, tissue scanner and sprayer (HTX TM M3 sprayer). With the possibility for a joint use of an institute’s own Agilent GC-MS system, we are able to provide a broad repertoire for performing versatile high-performance mass spectrometry services. Key applications will include molecular imaging, isotope tracing, and versatile omics research including proteomics, metabolomics, and lipidomics.

We are seeking a highly motivated, skilled and experienced scientist who can provide guidance for performing novel, cutting edge research. One of the main tasks will be collaborating with our research groups and providing guidance to scientists and graduate students on campus and beyond. The successful applicant will be in full charge of establishing, organizing, and conducting sample workflows as well as operating and maintaining the facility, including overseeing maintenance and quality control of all instruments. Responsibility for analyzing and interpreting the generated data will also be an important part.

Candidates should hold a PhD in life sciences or a related discipline and have a strong background in mass spectrometry and related techniques and analyses. Experience with mass spectrometry imaging is highly appreciated. Understanding and expert ability to utilize software packages such as Compass DataAnalysis, Compass MetaboScape, and SCiLS lab is essential. The candidate should have a good understanding of statistical methods and their application to large datasets.

The successful candidate will be involved in numerous interdisciplinary research projects and will be given the opportunity to pursue their own research interests in part-time (25%).

The position is available immediately. Candidates from outside of the Max Planck Society will be offered an initial contract of two years with the possibility of a permanent position and the salary and benefits are based on the German TVöD guidelines (TVöD Bund). The Max Planck Society is committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals. Moreover, the Max Planck Society seeks to increase the number of women in those areas where they are underrepresented and therefore explicitly encourages women to apply.

Applicants should submit their PDF documents online including a cover letter describing their interest in this position, a CV, certificates, etc. Please note that we can only accept applications submitted electronically through our job portal:

https://jobs.tue.mp.de/jobs/91

We will prioritize applications submitted before November 8th.

For inquiries about the job, please contact Dr. Claudia Frick (claudia.frick@tuebingen.mpg.de). For questions about the job portal or application procedure, please contact Karin Klein (karin.klein@tuebingen.mpg.de).

Information about our departments and research can be found at: http://www.eb.mpg.de.