



MAX PLANCK INSTITUTE
FOR CHEMICAL ECOLOGY

Applications are invited for a

Mass Spectrometry Technician (m/f/d)

to be based at the Max Planck Institute of Chemical Ecology, Department of Natural Product Biosynthesis.

Job Description

The [Department of Natural Product Biosynthesis](#) at the Max Planck Institute of Chemical Ecology under Professor Sarah O'Connor studies the biosynthesis of secondary or specialized metabolites, compounds that are produced by plants and microbes in an enormous variety. These compounds play varied and rich roles in the environment. Moreover, many of these compounds have life-saving properties and are used in both traditional and modern medicine. In this department, we are developing approaches to elucidate and engineer specialized plant metabolism to understand the fundamental chemical, biological and evolutionary processes that underlie the biosynthesis of these complex molecules. We use robust analytical chemistry analyses to perform this work. LC-MS and GC-MS are integral parts of our research.

We seek a highly motivated, enthusiastic and engaged technician who will assist in running our mass spectrometry platform. The candidate will be responsible for helping to maintain the instruments, to train users, and to develop methods and to analyze data. We are looking for someone with passion for the research that we do and with the ability to thrive in a fast-paced research environment. We ask for flexibility and excellent oral communication skills.

Your profile:

- Successful completion of BS or MS level in a mass spectrometry related field
- Experience with common data analysis software packages for GC and LC MS
- Willingness to perform basic instrument maintenance
- Knowledge in developing separation methods on both GC and LC
- Knowledge in routine maintenance and troubleshooting of a variety of MS systems
- Collaboration with department members to develop methods for data runs and analyses
- Contribute to the running and organization of the platform

- Experience in metabolomics would be an advantage
- Experience in training users on a variety of instruments
- Willingness to learn about natural product research ongoing in the department
- Good knowledge of English with strong oral communication skills
- High quality standards and attention to detail
- Proactive, self-sufficient, reliable, and friendly behaviour
- Strong teamwork and very good communication skills

We offer a responsible and varied work in an interdisciplinary and international research institute, a pleasant, collegial working environment and a modern workplace. A wide range of individual training opportunities is also at your disposal. We offer a family-friendly culture and flexible working hours. Salaries will be based on experience according to TVöD guidelines. The contract will be offered for two years. This is a full-time position.

The Max Planck Society values diversity and is engaged in employing individuals from minorities. We are committed to increasing the number of individuals with disabilities in its workforce and therefore encourage applications from such qualified individuals. Furthermore, 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.

Application deadline is February 1, 2022.

Please send your application to applications2022@ice.mpg.de