

Technical Assistant in Mass Spectrometry to join the Proteomics Platform (m/f/d)

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We are seeking an enthusiastic and energetic candidate for a Technical Assistant in Mass Spectrometry position to join our dynamic Proteomics Team at the Molecular Discovery Platform of CeMM. Interested candidates should have a background in analytical sciences or life sciences. Knowledge of nano LC-MS, HPLC-MS, or GC-MS would be a plus but is not required. The main duties in this position include proteomics sample preparation, as well as operation, maintenance and troubleshooting of state-of-the-art LC-MS instrumentation, plus an active engagement in scientific projects at CeMM. General laboratory management and organizational skills are also part of the job requirements. To work successfully in our international team excellent English skills, communication talent and good computer skills are a prerequisite. Ideally, you have a basic understanding of protein chemistry and/or biochemistry. Knowledge in some scientific, graphic, and statistical software as well as mass spectrometry specific software would be an additional asset.

Your profile

- Degree in analytical sciences or life sciences (B.Sc., M.Sc., Dipl.-Ing.)
- Strong interest in learning LC-MS based analytical techniques
- Very good command of English
- Good computer skills
- Basic understanding of protein chemistry and/or biochemistry is of advantage
- Additional software skills are of advantage
- High accuracy and reliability
- Team player
- Excellent communication skills
- Organizational talent

The Molecular Discovery Platform

The CeMM Molecular Discovery Platform uses a technology-driven approach to empower the discovery and characterization of such bioactive molecules, including proteins, metabolites, and novel synthetic compounds. These three classes of molecules are also the focus of the three modules that constitute the CeMM Molecular Discovery Platform – [Proteomics](#), [Metabolomics](#), and [Chemical Screening](#). Using the latest technologies and state-of-the art instrumentation, we maximize coverage to biomolecules and enable data generation from minimal biological sample amounts. The platform, with its three sub-facilities, provides services to all groups at CeMM as well as to external customers and thereby intends to contribute initial starting points towards discovering the therapies of the future.

The Proteomics Facility

The **Proteomics Facility** provides services on “state-of-the-art” Mass spectrometry-based proteomics applications to support scientific research groups in basic and translational research. The special design of the MS lab guarantees our customers the highest standards for “high resolution accurate mass” (HRAM) LC-MS instrumentation of the Q Exactive and Fusion Lumos Orbitrap series with staff maintaining and operating the systems at a constant high level.

The mass spectrometry laboratory space was designed to the highest standards when the group relocated to the new CeMM building on the medical campus. To operate under optimal conditions in an analytically suitable environment, each machine resides in an individual cubicle that is maintained at constant temperature and humidity. Minimal downtime is assured via remote surveillance whereby the performance of the systems can be consistently monitored. Different proteomics work-flows are well established in the facility including protein identification and profiling, quantitative expression proteomics, quantitative phosphoproteomics, Immunoprecipitation and Affinity Purification Mass Spectrometry (IP-MS/AP-MS), as well as targeted Parallel Reaction Monitoring (tPRM). Standard Operation Procedures for Data Dependent Acquisition (DDA), Data Independent Acquisition (DIA), and multiplexed isobaric tagging (TMT) are routinely performed. The state-of-the-art machine park and methodology allows for a robust investigation of the human proteome in different cell types and biological matrices.

About the Institute

CeMM is one of Europe’s leading biomedical research institutes. CeMM researchers routinely publish important discoveries in top journals. Over the last seven years, this included >10 papers in Nature/Cell/Science/NEJM and >30 papers in Nature/Cell sister journals – with a team of 120-150 scientists. Research at CeMM is exceptionally collaborative and has strong focus on medical impact, based on a profound molecular understanding of diseases such as cancer and immune disorders. CeMM is part of the Austrian Academy of Sciences and a founding member of EU-LIFE. It is located at the center of one of the largest medical campuses in Europe, within walking distance of Vienna’s historical city center. A study by “The Scientist” put CeMM among the top-5 best places to work in academia worldwide (<https://www.the-scientist.com/features/best-places-to-work-academia-2012-40676>). Vienna is frequently ranked the world’s best city to live. It is a United Nations city with a large English-speaking community. The official language at CeMM is English, and >49 different nationalities are represented at the institute. CeMM promotes equal opportunity and harbors a mix of different talents, backgrounds, competences, and interests.

We offer

- Work within an experienced, interdisciplinary, and international team at one of Austria’s leading research institutes
- Ample opportunities to contribute and gain experience in a key area of biomedical research and precision medicine
- An inspiring workplace with an international setting, strong team spirit, and an excellent work climate
- A wide range of social, cultural, and sports activities organized by the institute
- Excellent employee benefits including full insurance coverage (health, accident, retirement), health care services, subsidized cafeteria

- Starting annual gross salary of at least EUR 32,000 (the salary will reflect the successful candidate's qualifications and can be higher)
- Support for relocating to Vienna is provided (relocation reimbursement, visa support, etc.)

Please apply online (<https://cemm.jobbase.io/job/qftpt648>) with cover letter, CV and contact details of 2 referees. Any application received by 31st January 2022 will be considered.

Additional information

City	Vienna
Position type	Full-time employee
Start of work	31.01.2022

Responsible

Memo Makhles

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