

Head of Proteomics and Metabolomics (m/f/d)

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CeMM, the Research Center for Molecular Medicine of the Austrian Academy of Sciences is an international, independent and interdisciplinary research institution located at the Campus of the Vienna General Hospital and Medical University of Vienna. We are looking for scientists that are either seeking their first leadership appointment or are already at a consolidation stage to lead the Proteomics and Metabolomics units of the Molecular Discovery Platform, one of the core facilities at CeMM. The successful candidate should have an exceptional level of energy and drive to apply their expertise and knowledge as well as their business acumen in a stimulating research environment.

Your tasks

- Responsible for the coordination and advancement of the proteomics and metabolomics unit of the CeMM Molecular Discovery Platform
- Supervising a dedicated team of technicians and technologists
- Project Management for internal and external stakeholders
- Operation and maintenance of a state-of-the art instrument park of six LC-MS systems
- Responsibility for data analysis and data management
- Contribution to scientific publications and grant applications
- Technology development in coordination with CeMM scientists
- Price calculation and billing in coordination with the accounting team
- Diligent project management, administration and reporting
- Maintaining scientific excellence in proteomics and metabolomics

Your profile

- Ph.D. in proteomics, metabolomics, computational biology or a related field
- Extensive experience documented by first and/or last author publications
- Excellent understanding of analytical techniques such as HPLC and mass spectrometry
- Strong computational skills
- Thorough understanding of protein chemistry and/or biochemistry
- Experience in project management
- high level of organization and efficiency
- excellent oral and written communication skills in English
- Previous Management or leadership experience is a plus

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** 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 **Metabolomics Facility** at CeMM aims to provide highest quality metabolomics analyses on biological and biomedical research samples to its customers. This includes method development for detection and quantification of novel metabolites, systematic screening of established metabolites in the classes of amino acids, central carbon metabolism and TCA cycle metabolites, nucleotides, folates and lipids, and more focused analyses of selected metabolites. We aim to constantly develop and improve methods to more comprehensively cover the entire human metabolome and decrease the required sample amounts, while at the same time maintaining rigorous standards in data analysis and quantitation.

About the Institute

CeMM is an international research institute of the Austrian Academy of Sciences and a founding member of EU-LIFE. The mission of CeMM, the Research Center for Molecular Medicine of the Austrian Academy of Sciences is to achieve maximum scientific innovation in molecular medicine to improve healthcare. At CeMM, an international and creative team of scientists and medical doctors pursues free-minded basic life science research in a large and vibrant hospital environment of outstanding medical tradition and practice. CeMM's research is based on post-genomic technologies and focuses on societally important diseases, such as immune disorders and infections, cancer, aging and metabolic disorders. CeMM operates in a unique mode of super-cooperation, connecting biology with medicine, experiments with computation, discovery with translation, and science with society and the arts. CeMM discovers and develops technologies to explore human biology with the purpose of defeating disease at its roots. Because Science is our Medicine! CeMM is a proud recipient of the HR Excellence in Research Award (HRS4R). This award indicates that CeMM takes care of the well-being of its employees, that the recruitment process is open, fair, and transparent, and that CeMM offers professional appraisals and career development procedures. More than 150 people from 49 nationalities are working at CeMM. The institute promotes equal opportunity and harbours a mix of different talents, backgrounds, competences, and interests. www.cemm.at

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
- Minimum monthly gross salary of EUR 4.772,70 paid out 14 times yearly (following the [recommendations of FWF](#))
- Support for relocating to Vienna is provided (relocation reimbursement, visa support, etc.)

Please apply online (<https://cemm.onlyfy.jobs/job/d59ttfol>) with cover letter, CV , and contact details of 2 referees. Applications received before March 18th will be considered.

Additional information

City	Vienna
Position type	Full-time employee
Start of work	01.05.2024

Responsible

Memo Mokhles

Apply now