

Head of Metabolomics Facility

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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 a **HEAD OF METABOLOMICS**. The successful candidate will be responsible for the coordination and advancement of applied Metabolomics within the Proteomics and Metabolomics Facility (Pro-Met-) at CeMM. Tasks include maintaining scientific excellence in the field of metabolomics, acquisition, consulting & coordination of internal and external projects, and implementing innovative tools and applications, as well as keeping a professional research facility up and running.

The candidate

The successful candidate will have an excellent background and strong publication record in metabolomics and hands-on experience in analytical techniques HPLC and mass spectrometry. Additionally, a thorough understanding of biochemistry is required. The main duties include the operation and maintenance of state-of-the-art LCMS instrumentation, implementation and development of novel technologies and active engagement in scientific projects at CeMM.

The successful candidate will work with state-of-the-art equipment on exciting and groundbreaking projects, and collaborate strongly with CeMM scientists and external collaborators to discuss new projects and services, ensure the laboratory and metabolomics dedicated instruments run smoothly at all times, interact with mass spectrometry and other equipment vendors, and design technology development projects. Duties include supervising the metabolomics subteam, provide training, develop new and execute existing protocols. Diligent project management, administration and reporting are essential, including a close interaction with the accounting department to document and generate internal and external invoices. The candidate will be working closely with André Müller, Head of the Pro-Met- Facility and Stefan Kubicek, Head of Chemical Screening and Platform Austria for Chemical Biology (PLACEBO).

We are looking for a highly motivated PhD-level candidate with the following profile:

- extensive experience in analytical chemistry, and in particular metabolomics, highlighted by at least one first author publication.
- experience in applying analytical chemistry biological questions
- thorough knowledge in data processing and statistical data analysis
- experience in project management and mentoring
- excellence in interpersonal and communication skills, in particular excellent oral and written communication skills in English.

The successful candidate will be exceptionally well-organized and efficient, and will apply his/her exceptional level of energy, drive and expertise in a stimulating research environment. For this position we offer an annual gross salary of min. EUR 58,800, including health and pension insurance.

The Institute

We are a group of 180 scientists from 45 nations situated in a beautiful, bright and perfectly designed building (inaugurated in 2011). We have state-of-the-art technologies and are neighbours and close collaboration partners with one of the largest research hospitals in Europe. Vienna is a fascinating capital city, with world-leading quality of life, and legendary music and culture. CeMM is an equal opportunity employer, and our official working language at CeMM is English.

CeMM has an established internationally-recognised track record in: (i) systems biology/network interactomics; (ii) pathogen interactomics; (iii) chemical proteomics; and (iv) chemical biology/screening as evidenced by many publications in high-ranking international journals such as *Nature*, *Science* and *Cell*. In addition, the experience and knowledge of the Principal Investigators at CeMM is exceptional in posing fundamental biological questions and application of these questions in a medically relevant setting.

The mass spectrometry laboratory space is designed to the highest standards to operate under optimal conditions in an analytical-suitable environment. Each instrument resides in individual cubicles that are maintained at constant temperature and humidity. Minimal downtime is assured via remote surveillance whereby the performance of the systems can be consistently monitored. Instrumentation includes 7 LC/MS systems including two Orbitrap Fusion Lumos instruments and a brandnew Agilent 6470 Triple Quadrupol LC/MS-System used for targeted dMRM experiments.

For more information, please visit <https://cemm.at/research/facilities/>

Application Details

Applications should be in English and contain a cover letter, CV, publication list, funding track record, names and contact details of three references. Please summarize and explain in one paragraph your single greatest research or technical development achievement.

Please apply online with your application documents: <https://cemm.jobbase.io/job/s0mee8j>

Application Deadline

Application deadline: 31 May 2020

Additional information

City	Vienna
Position type	Full-time employee
Start of work	01.07.2020

Responsible

Alexa Gavalaki

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