

*Metabolism affects a variety of fundamental cellular processes in ways that still need to be discovered. Transport of metabolites through membranes is a process that links the environment with changes in chromatin and gene expression. We have identified technologies and approaches that allow us to study this connection in a systematic way.*

To join the laboratory of the Scientific Director, Giulio Superti-Furga, we are looking for a

## POSTDOC FELLOW IN REGULATION OF CELLULAR METABOLISM

*In particular, we are looking for biochemists, pharmacologists, molecular biologists, chemical biologists and cell biologists.*

Your Profile:

- ✓ A recent successful PhD in biochemistry, chemistry or biology and significant experience either in research on metabolism or gene regulation/epigenetics/genome integrity.
- ✓ Interest in CRISPR/Cas9 and haploid genetic screens affecting metabolic regulation in cancer and immunity.
- ✓ Expertise in statistical computational evaluation of complex datasets, data integration and innovative data visualization is considered an advantage.
- ✓ Excellent communication skills and social skills are absolutely required.

You will seize the opportunity to access a unique and innovative technological set-up combining chemistry, biochemistry, metabolomics, proteomics, genomics, high-content microscopy, bioinformatics, signalling and clinical expertise to effectively decipher the relationship between metabolism and transporters with the regulation of genome expression and integrity. The candidate is supposed to work on a project, the feasibility of which has already been proven, and is part of a collaboration with the laboratories of Stefan Kubicek and Joanna Loizou.

The successful candidate will join an international and dynamic group whose research is acknowledged in several top tier papers (Nature, Cell, Nature Chemical Biology, Nature Immunology etc.) and an advanced ERC grant. In recent years, postdocs leaving the lab went on to run independent labs at EPFL, at Max-Planck, at the Moffitt in Tampa, in the pharmaceutical industry and in biotechnology companies, among others.

CeMM is the independent, international and interdisciplinary Research Center for Molecular Medicine of the Austrian Academy of Sciences. The official language is English. Currently, 42 nations are represented. The mission of CeMM 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 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 trains a modern blend of biomedical scientists to make great contributions. The goal of CeMM is to pioneer the science that nurtures the precise, personalized, predictive and preventive medicine of the future.

CeMM offers a competitive salary and benefits for two years initially. In 2011 we moved in a beautiful landmark building at the center of the Vienna Medical University/General Hospital Campus and close to the heart of the city. Vienna is a particularly enjoyable and international capital, with the worldwide #1 quality of life, world-best classical music, great food and outdoors and in a composite way the best coffee:wine:beer:tap water of any city in the world.

Applicants should please submit a full CV, with the names of three referees and a motivation letter. They should also be willing to do a pre-interview by video. CeMM aims to promote equality of opportunity for all with the right mix of talent, competences and potential. Please click on the link below and apply online with your application documents: <https://cemm.jobbase.io/job/o5j9yw74>. We welcome applications from candidates with diverse backgrounds.

Closing date for applications: **27 August 2017**