

Ce-M-M-

Research Center for Molecular Medicine
of the Austrian Academy of Sciences

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now!

Met -
Val-His-Leu-Thr-
Pro-Glu-Glu-Lys-Ser-Ala-
Val-Thr-Ala-Leu-Trp-Gly-Lys-
Val-Asn-Val-Asp-Glu-Gly-Val-Gly-
Glu-Ala-Leu-Gly-Arg-Leu-Leu-Val-Val-
Tyr-Pro-Trp-Thr-Gin-Arg-Phe-Phe-Glu-Ser-
Phe-Gly-Asp-Leu-Ser-Thr-Pro-Asp-Ala-Val-
Met-Gly-Asn-Pro-Lys-Val-Lys-Ala-His-Gly-
Lys-Lys-Val-Leu-Gly-Ala-Phe-Ser-Asp-
Gly-Leu-Ala-His-Leu-Asp-Asn-Leu-Lys-
Gly-Thr-Phe-Ala-Thr-Leu-Ser-Glu-Leu-
His-Cys-Asp-Lys-Leu-His-Val-Asp-Pro-
Glu-Asn-Phe-Arg-Leu-Gly-Asn-Val-
Leu-Val-Cys-Val-Leu-Ala-His-His-Phe-
Gly-Lys-Glu-Phe-Thr-Pro-Pro-Val-
Gin-Ala-Ala-Tyr-Gin-Lys-Val-Val-
Ala-Gly-Val-Ala-Asn-Ala-Leu-Ala-
His-Lys-Tyr-His-Met-Val-Leu-Ser-Pro-
Ala-Asp-Lys-Thr-Asn-Val-Lys-Ala-
Ala-Trp-Gly-Lys-Val-Gly-Ala-His-Ala-
Gly-Glu-Tyr-Gly-Ala-Glu-Ala-Leu-Glu-Arg-
Met-Phe-Leu-Ser-Phe-Pro-Thr-Thr-Thr-Tyr-
Phe-Pro-His-Phe-Leu-Ser-His-Gly-Ser-Ala-Gin-
Val-Lys-Gly-His-Gly-Lys-Val-Ala-Asp-Ala-Leu-Thr-
Asn-Ala-Val-Ala-His-Val-Asp-Asp-Met-Pro-Asn-Ala-
Leu-Ser-Ala-Leu-Ser-Asp-Leu-His-Ala-His-Lys-Leu-Arg-
Val-Asp-Pro-Val-Asn-Phe-Lys-Leu-Ser-His-Cys-Leu-
Val-Thr-Leu-Ala-Ala-His-Leu-Pro-Ala-Glu-Phe-Thr-Pro-
Ala-Ser-Leu-Asp-Lys-Phe-Leu-Ala-Ser-Val-Ser-Thr-Val-
Tyr-Arg-Met-Val-His-Leu-Thr-Pro-Glu-Gly-Lys-Ser-
Gly-Lys-Val-Asn-Val-Asp-Glu-Val-Gly-Gly-Ala-Leu-Gly-Arg-Leu-Leu-Val-Val-Tyr-
Pro-Trp-Thr-Gin-Arg-Phe-Phe-Glu-Ser-Phe-Gly-Asp-Leu-Ser-Thr-Pro-Asp-Ala-Val-Met-
Gly-Asn-Pro-Lys-Val-Lys-Ala-His-Gly-Lys-Lys-Val-Leu-Gly-Ala-Phe-Ser-Asp-Gly-Leu-Ala-His-
Leu-Asp-Asn-Leu-Lys-Gly-Thr-Phe-Ala-Thr-Leu-Ser-Glu-Leu-His-Cys-Asp-Lys-Leu-His-Val-Asp-
Pro-Glu-Asn-Phe-Arg-Leu-Leu-Glu-Asn-Val-Leu-Val-Cys-Val-Leu-Ala-His-His-Phe-Gly-Lys-Glu-
Met-
Val-His-Leu-Thr-
Pro-Glu-Lys-Ser-Ala-Val-
Thr-Ala-Leu-Trp-Gly-Lys-Val-Asn-
Val-Asp-Glu-Val-Gly-Gly-Glu-Ala-
Leu-Gly-Arg-Leu-Leu-Val-Val-Tyr-
Pro-Trp-Thr-Gin-Arg-Phe-Phe-Glu-
Ser-Phe-Gly-Asp-Leu-Ser-Thr-Pro-
Asp-Ala-Val-Met-Gly-Asn-Pro-Lys-
Val-Lys-Ala-His-Gly-Lys-Lys-Val-Leu-
Gly-Ala-Phe-Ser-Asp-Gly-Leu-Ala-His-
Leu-Asp-Asn-Leu-Lys-Gly-Thr-Phe-
Ala-Thr-Leu-Ser-Glu-Leu-His-Cys-
Asp-Lys-Leu-His-Val-Asp-Pro-Glu-
Asn-Phe-Arg-Leu-Leu-Gly-
Val-Leu-Val-Cys-Val-Leu-
Ala-His-
His-Phe-Gly-Lys-Glu-
Phe-Thr-
Pro-Pro-Val-Gin-Ala-Tyr-Gin-
Lys-Val-Val-Ala-Gly-Val-Ala-Asn-
Ala-Leu-Ala-His-Lys-Tyr-His-
Met-Val-Leu-Ser-Pro-Ala-Asp-Lys-
Thr-Asn-Val-Lys-Ala-Ala-Trp-Gly-Lys-Val-
Gly-Ala-His-Ala-Gly-Glu-Tyr-Gly-Ala-Glu-Ala-
Leu-Glu-Arg-Met-Phe-Leu-Ser-Phe-Pro-Thr-Thr-
Lys-Thr-Tyr-Phe-Pro-His-Phe-Asp-Leu-Ser-His-
Gly-Ser-Ala-Gin-Val-Lys-Gly-His-Gly-Lys-Lys-Val-
Ala-Asp-Ala-Leu-Thr-Asn-Ala-Val-Ala-His-Val-Asp-
Asp-Met-Pro-Asn-Ala-Leu-Ser-Ala-Leu-Ser-Asp-Leu-
His-Ala-His-Lys-Leu-Arg-Val-Asp-Pro-Val-Asn-Phe-
Lys-Leu-Leu-Ser-His-Cys-Leu-Leu-Val-Thr-Leu-Ala-
Ala-His-Leu-Pro-Ala-Glu-Phe-Thr-Pro-His-Val-His-
Ala-Ser-Leu-Asp-Lys-Phe-Leu-Ala-Ser-Val-Ser-Thr-
Val-Leu-Thr-Ser-Lys-Tyr-Arg-Met-Val-His-Lys-

Computational Biology / Bioinformatics Scientist to join the Superti-Furga Lab at CeMM

Apply now

Do you want to be part of an international consortium committed to characterize human transporters at the interface between biological systems and the environment?

We are looking for a **computational biology / bioinformatics scientist** to process and analyze systems biology research data of de-orphanization studies on human transporters.

You will work in the Giulio Superti-Furga group (CeMM, Vienna) as part of the RESOLUTE consortium (<https://re-solute.eu/>), comprising six pharmaceutical companies, one biotech and six academic research institutions. In close collaboration with data producers, you will lead the efforts on analysis and integration of high-throughput datasets.

Together we want to bring knowledge on human transporters to the next level by turning data into biological insights using high-performance computing, advanced statistical approaches and compelling visualizations.

Requirements and desired qualifications

- PhD in bioinformatics or similar experience
- Experience in data analysis in at least one field of systems biology research (genomics, transcriptomics, proteomics, metabolomics, high-content imaging, ...)
- Experience with setup of pipelines/workflows
- Strong data visualization skills
- Solid understanding of basic statistics
- Experience in advanced statistical approaches is an advantage

- Profound programming expertise (e.g. R, Python, Java)
- Advanced software engineering skills are an advantage
- Experience with the concepts of FAIR data is an advantage
- Experience in big data, high-performance computing and application of machine learning techniques is an advantage
- Ability to work in a team and pursue goals in a focused way
- Excellent written / oral communication skills in English

The RESOLUTE consortium

Starting on July 1st of 2018, the RESOLUTE consortium is supported by the Innovative Medicines Initiative (IMI, www.imi.europa.eu) with 13 partners from academia and the pharmaceutical industry and is coordinated by the Superti-Furga laboratory. The RESOLUTE consortium's mission is to de-orphanize human SLC transporters at a large scale and unlock them as potential pharmacological targets. With a well-defined action plan, we are currently pushing towards a paradigm-shift in the science of human cellular transporters by creating a massive, historical advance in knowledge on hundreds of individual transporters and the way they act together. These are very exciting times and research and the consortium is reaching full speed and thriving on synergies to turn this large effort into exploitable and practical knowledge.

The Superti-Furga laboratory

The Superti-Furga group (<http://superti-furga-lab.at/>) is composed of an international team of more than 25 scientists working together on understanding drug function at the molecular level. The laboratory investigates how cells and biological systems in general manage access to the environment through cellular transport. In particular how access to nutrients and energy source is tuned to metabolism and need of individual cell types. Moreover, the lab has pioneered approaches for functional precision medicine. The laboratory operates on a truly multidisciplinary basis and involves functional genomics and proteomics, structural analysis, chemical biology, high-content imaging, bioinformatics and physiology, reflecting the blend of expertise of the laboratory members.

The Institute

CeMM (<http://cemm.at>) is a flagship institute for biomedical research in the heart of Europe, Vienna. CeMM is committed to highest scientific standards. The environment is very collaborative, dynamic and international. One of CeMM's advantages is to be in close proximity to the Vienna Medical University Campus and the General Hospital (AKH). This allows the fruitful interaction of basic scientists with clinicians, and the use of models and cutting-edge technology to disease-relevant biological questions. According to a study by The Scientist, CeMM is ranked as the best European place to work in Academia 2012, internationally CeMM appears at the fourth place. The official language at CeMM is English, and more than 48 different nationalities are represented at the institute.

We offer

This is a fantastic opportunity for a bioinformatics scientist to join an exciting project in an inspiring and dynamic setting. In return, we are offering an excellent employee benefits package including health insurance, company health care, competitive holiday allowance, daily bonus for the in-house cafeteria and a monthly gross salary of at least EUR 3.500. We offer a great work environment for passionate scientists and we are proud to be an international, diverse group. The contract for the position will be initially limited to 2.5 years since the project terminates in 2023.

Application details

CeMM aims to promote equality of opportunity for all with the right mix of talent, competences and potential. We welcome applications from candidates with diverse backgrounds. Please apply online here:

<https://cemm.jobbase.io/job/pg7ydcxu> with a motivation letter explaining why you are the ideal candidate for this position, your curriculum vitae and contact details of 2-3 referees, all in a single PDF document with up to 3 pages.

Applications will be reviewed on a rolling basis. Preferred starting date is January 2021.

Additional information

| | |
|---------------|--------------------|
| City | Vienna |
| Position type | Full-time employee |
| Start of work | 01.01.2021 |

Responsible

Catherine Lloyd

Apply now