

Data Scientist / Software Engineer in Computational Biology (f/m/d)

Apply now

The Rendeiro lab at CeMM, the Research Center for Molecular Medicine of the Austrian Academy of Sciences in Vienna, is recruiting a highly motivated data scientist / software engineer to join our international team studying human aging and pathology using computational and molecular methods.

Our group develops computational methods for the analysis of large-scale biological datasets, including spatial transcriptomics, highly multiplexed imaging, and histopathology. We integrate these data with clinical and molecular information to investigate the organization of cells at the micro-anatomical level and how this changes with age and disease. The successful candidate will contribute to the development and deployment of robust, scalable software solutions that drive our research forward.

Your Profile

- PhD and training in data science, computer science, computational biology, or a related field
- Solid programming and data science skills, including familiarity with Linux, Python programming, version control, continuous integration/deployment, database management
- Prior experience with biological data, image analysis, and/or sequencing data is a plus
- Friendly, collaborative mindset and ability to work effectively in an international environment
- Team player with strong communication skills and a proactive attitude
- Written and oral communication skills in English (German language skills are not required)

** Don't meet all the requirements? We're committed to building a diverse, inclusive and authentic workplace, so if you're passionate about this role but your experience doesn't perfectly match every qualification in the job description, we still encourage you to apply.

Your Tasks

- Development and maintenance of software for biological data analysis
- Deployment of software and models at scale on internal HPC clusters and cloud-based environments
- Life cycle management of large biological datasets
- Ingestion and quality control of biological data using established pipelines
- Statistical analysis and data exploration to generate biological insights
- Troubleshooting of technical problems in software and workflows
- Supporting and interacting with researchers with diverse scientific backgrounds
- Contributing to the lab's research projects, publications, and open-source software efforts

The Rendeiro Lab (<https://rendeiro.group>)

We are an interdisciplinary and collaborative group combining computational biology, molecular biology, and translational research. Our mission is to generate new insights into human health and disease through integrative data science. The lab is embedded within CeMM's collaborative environment and benefits from access to state-of-the-art computing infrastructure and molecular facilities.

The lab has access to excellent infrastructure to perform advanced computational and molecular research in a modern high-performance computing environment. This includes a HPC cluster with NVIDIA H100 nodes, parallel storage and fast interconnects, dedicated workstations with multiple A6000 GPUs, and web-based services via Microsoft Azure.

The Institute (<http://www.cemm.at>)

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. 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 trains a modern blend of biomedical scientists and is located at the campus of the General Hospital and the Medical University of Vienna. 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 47 nationalities are working at CeMM. The institute promotes equal opportunity and harbors 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 gross monthly salary of EUR 4.932,90 paid 14 times a year (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/m7396en9>) with cover letter, CV and contact details of 2 referees. *Applications will be reviewed on a rolling basis. Any application received by 26 August 2025 will be considered.*

Additional information

City

Vienna

Position type

Full-time employee

Start of work

01.10.2025

Responsible

Memo Makhles

[Apply now](#)
