The Institute of Molecular Biotechnology of the Austrian Academy of Sciences (IMBA) and the Research Institute of Molecular Pathology (IMP), two world-class research institutes at the forefront of molecular biology and biomedical research, are jointly seeking an accomplished and visionary scientist to join the Bioinformatics Services Core Facility in Vienna, Austria. This is a rare opportunity to shape the future of bioinformatics in one of Europe's most dynamic life science hubs, where groundbreaking discoveries emerge at the intersection of computational and experimental biology.

The Vienna BioCenter is home to a vibrant international community including renowned research institutes such as IMBA, IMP, GMI (Gregor Mendel Institute), Max Perutz Labs, the University of Vienna Biology Building (UBB, Faculty of Life Sciences), as well as biotech companies, together with over 2,800 scientists and staff representing more than 80 countries. Its collaborative environment unites exceptional research institutes, including IMBA and IMP (the joint hosts of this position), which share a commitment to advancing fundamental biology and biomedical science. Together, IMBA and IMP address some of the most challenging questions in molecular cell biology, gene expression, chromatin biology, RNA biology, developmental and regenerative biology, immunology, cancer, and beyond. Supported by state-of-the-art infrastructure and a culture of innovation, the institutes offer an inspiring environment for researchers at every career stage.

Staff Bioinformatician (f/m/d, full-time, 40 hrs/week)

Key Responsibilities

- Scientific collaboration:

    - Partner closely with research groups across IMP and IMBA to support their projects and catalyze innovative collaborations. Work synergistically with research groups in areas such as molecular and cell biology, molecular medicine, structural biology, chromosome biology, genomics and gene expression, immunology and cancer, developmental and stem cell research.
    - Act as a scientific collaborator, advancing bioinformatics-driven research, facilitated by exceptional computational infrastructure including a centrally administered high-performance CPU and GPU cluster and network storage. This includes access to Austria's largest non-university computer cluster, CLIP, with 8000 CPUs, 120 GPUs, 4 high-memory nodes, a 100GB Ethernet network, and 6PB of fully backed-up NetApp storage. Advanced facilities allow streamlined large dataset acquisition, including omics and microscopy data.
- Team integration:
    - Influence and inspire a team of highly skilled bioinformaticians, co-shaping their work to provide world-class services to researchers.
- Strategic planning:
    - Co-develop a long-term strategy for a data-driven research ecosystem.
    - Co-contribute in defining and implementing a forward-looking vision for the core facility, aligned with the evolving scientific and technological needs of the campus.
    - Leverage cutting-edge computational tools, including machine learning and other emerging AI tools to accelerate scientific discovery.

Qualifications

- PhD degree in computational life sciences (e.g., computational biology, bioinformatics), in biology, or related fields (e.g., mathematics, computer science).
- Expertise in machine learning and artificial intelligence (AI) techniques, particularly as applied to biological or biomedical data.
- At least 2 years of postdoctoral research and/or team leader experience in academia or industry. For candidates with PhD degrees in fields outside of life sciences, extensive postdoctoral experience with a strong emphasis on applying computational approaches to solve biological problems is essential.
- A proven track record of impactful contributions in computational life sciences, as for example:
    - Machine-learning/AI approaches in high-throughput biology.
    - Genomics (e.g., RNA-seq, ChIP-seq, custom NGS analysis).

    - Multi-omics data integration and analysis (e.g., genomics, transcriptomics, proteomics).
    - Single cell analysis.
- Leadership and mentorship experiences highly desired, with the ability to foster collaboration in multidisciplinary teams.
- Excellent communication skills and fluency in English.

What We Offer

We provide a competitive compensation package starting an annual gross salary of EUR 69000, adjustable to qualification and experience. The contract will be initially for two years, with the possibility to convert to a permanent position after one year. Additional benefits include relocation support, access to cutting-edge resources (this includes centrally administered high-performance CPU and GPU cluster and network storage, and access to Austria's largest non-university computer cluster, CLIP) and an inspiring academic environment, professional development opportunities, subsidized access to the VBC crèche and kindergarten, the VBC social & sports program, and flexible working hours. Ranked among the world's most livable cities, Vienna offers an inspiring environment for scientists, with its world-class research, vibrant international community, rich cultural heritage, and high quality of life.

Jetzt bewerben

How to Apply

Please include your CV, a letter of interest (outlining your qualifications and vision for the role), and contact details of three referees, and submit them online. Application deadline: July 31st, 2025.

Part of Vienna BioCenter