

Scientist – Molecular and Cell Biology

About X4 Pharmaceuticals

Our commitment is to find solutions for patients. Every day, we strive to advance our pipeline of innovative medicines to treat rare diseases. Our first-in-class, oral, small molecule therapeutics are antagonists of chemokine receptor CXCR4, which have the potential to treat a broad range of rare diseases, including primary immunodeficiencies (PIs) and cancer.

X4 Pharmaceuticals, Inc. was founded and is led by a team with deep product development and commercialization expertise, including several former members of the Genzyme leadership team and has its headquarter located in Cambridge, Massachusetts.

X4's research and development facility in Vienna, Austria, **X4 Pharmaceuticals (Austria) GmbH** is located on Campus Vienna Biocenter (Helmut-Qualtinger-Gasse 2, 1030 Vienna) and is run by a team of highly motivated scientists and technicians who are dedicated to build a Center of Research Excellence in the field of small molecule therapeutics. **X4 Pharmaceuticals (Austria) GmbH** is currently offering a full-time employment contract for a **Scientist – Molecular and Cell Biology**.

Summary of the position:

The **Scientist – Molecular and Cell Biology** will establish and develop in vitro models of PIs and rare cancers, with focus on genotype-phenotype correlation. Main duties will be to:

- Analyze genomic data to identify variants of specific target genes or pathways
- Design, implement and develop in vitro assays to functionally and structurally characterize the gene variants identified, including protein-protein interaction studies, chemotaxis, Ca²⁺ flux, in various cell types
- Develop high-throughput assays based on pilot studies
- Structure, analyse and critically evaluate large sets of data
- Present data at internal and external meetings
- Write reports and scientific publications

Qualifications and skills:

- PhD in Cell and Molecular Biology with at least two years of post-doctoral experience or corresponding biotech experience
- Solid hands/on experience with molecular cloning, mammalian cell culture, transient and stable transfections
- Extensive experience with flow cytometry, cell-based ELISA, chemotaxis, Ca²⁺ flux
- In depth knowledge and experience working with GPCRs
- Ability to supervise and train laboratory staff
- Bioinformatics, gene set analysis (*preferred but not required*)
- Genome editing (*preferred but not required*)
- Previous work with CXCR4 and pathway genes (*preferred but not required*)
- Experience with protein-protein interaction studies (*preferred but not required*)
- Previous experience with BRET assays (*preferred but not required*)



We are offering:

- A strong, dedicated and multinational team of scientists and technicians
- An open, transparent and collegial working environment
- Opportunities for your personal development and to play a key role in a growing international research center
- Opportunity to work at the interface of pre-clinical research and clinical translational science

In accordance with Austrian employment law, the minimum monthly gross salary for the position is EUR 3.348,82 which we are willing to adjust according to your qualifications, skills and expertise.

Please send your resume and cover letter in English to careers-vienna@x4pharma.com