

The Vienna BioCenter Core Facilities GmbH ([VBCF](#)) provide cutting-edge research infrastructure and expertise that form the foundation of groundbreaking discoveries at the Vienna BioCenter ([VBC](#)), home to multiple research institutes (including IMP, IMBA, GMI, Max Perutz Labs, University of Vienna Biology Building), companies, and around 2,000 scientists.

To support an exciting cross-facility R&D project, the Proteomics TechHub is seeking a motivated and talented:

Predoc Research Assistant (m/f/d, Full-Time)

The Candidate

We are looking for a candidate who:

- has completed or is in the final stages of completing a master's degree in chemistry, biochemistry, or a related field.
- Has experience in mass spectrometry, microscopy and wet-lab techniques (desirable).
- Demonstrates curiosity, creativity, and a passion for learning new topics and skills.
- Is fluent in English, the working language of our highly international environment.

The Project

This project is a cross-facility development collaboration between the Proteomics Tech Hub, headed by Karl Mechtler, and the VBCF Histology Core Facility, headed by Agnieszka Piszczek. The student will work closely with Rupert Mayer of the Proteomics Tech Hub.

The focus is on spatial tissue proteomics, a cutting-edge approach to studying proteome dynamics across different cell types within their tissue environment. Building on recent technological advances in mass spectrometry, single-cell proteomics sample preparation workflows, and laser microdissection, the project aims to refine spatial proteomics workflows to achieve deeper analysis.

The project's ultimate goal is to comprehensively study regenerative processes in tissues, such as heart regeneration and kidney damage, by identifying up to 10,000 proteins from specific tissue regions or even single cells. This is a unique opportunity to contribute to advancing proteomics methods at the forefront of scientific research.

This **1-year predoc position** offers the potential to be extended by transitioning into a PhD position within the **Vienna BioCenter PhD Program**, contingent on the candidate's own initiative to identify a supervisor with a fitting research focus and funding.

What We Offer

- A responsible and diverse role within a dynamic, international research environment.
- A minimum gross monthly salary of € 2.600 (40 hours/week, full-time).
- The opportunity to contribute to innovative research in a world-class scientific community.

How to Apply

Please send your application (including a motivation letter, CV, and contact details of at least one reference) to karl.mechtler@imp.ac.at and rupert.mayer@imba.oeaw.ac.at.

- Applications will be reviewed starting **January 7th**, 2025, and continue until the position is filled.
- The expected starting date is March 1st, 2025, **or as soon as possible**.

As an employer, we promote a culture of continuous learning and are committed to gender equality. VBCF processes your personal data in accordance with the statutory data protection regulations.