

Postdoctoral position in tissue culture project

IMBA is a leading institute conducting life sciences research. One focus area is cell, stem cell, and organoid biology, with many groups performing tissue culture. Research group leader Sasha Mendjan will lead a pilot project to establish an institute tissue culture (TC) support team. The aim is to enhance advanced TC at the institute through quality control (QC) of reagents, media, and cell lines, the development of quantitative cell culture assays, and the introduction of TC automation for the groups at the institute. We are searching for a postdoctoral fellow with extensive experience in TC and organoids (see below) to perform hands-on work with the support of technical assistants. Success in the pilot can lead to a longer-term perspective to establish a new TC service at the Vienna BioCenter (VBC).

Responsibilities and perspective:

- Work with a small team (additional 2 FTEs) for the next 2 years, including hands-on lab work
- General oversight of TC labs at IMBA, including equipment
- Work with research labs to streamline their TC processes at the institute level
- Production, QC, and advancement of stem cell and organoid differentiation media
- Molecular and functional QC of critical TC reagents
- Molecular and functional QC of cell lines
- Setting up automated stem cell and organoid production using liquid handlers
- Perspective to establish a more permanent facility at the VBC campus

Qualifications and experience:

- PhD in life sciences as a minimum
- Worked in a team and collaborative
- Extensive TC experience
- In particular, human stem cell culture
- Worked with different types of organoids
- Insights into differentiation protocols, reagents, and media
- Tissue and organoid imaging & molecular analysis
- Developed new protocols and/or analysis methods
- Organizational capabilities
- Provides a structured approach for solution-oriented thinking
- Demonstrates the ability to establish and manage a multi-user environment

Optional:

- Experience with tissue culture automation
- Genome stability assays

Our Offer:

IMBA is an equal opportunity employer. We offer a young, dynamic, and international working environment and the opportunity to make an important contribution to basic biomedical research. The operating language of the institute is English.

The annual remuneration for this position is € 72.401,- based on a fulltime employment, 40h/w. We aim to fill this position as soon as possible. The position is currently limited to two years and an extension is possible. Earliest possible starting date: June 1, 2025.

Please apply via our **job portal**. Application Deadline: **May 31, 2025**. Application should include **CV, letter of motivation** and **contact details for 2 referees**.

Apply Now

IMBA - Institut für Molekulare Biotechnologie GmbH

www.imba.oeaw.ac.at; www.viennabiocenter.org