

IMBA - Institute of Molecular Biotechnology is one of the leading biomedical research institutes in Europe focusing on cutting-edge functional genomics and stem cell technologies. IMBA is located at the Vienna BioCenter, the vibrant cluster of universities, research institutes and biotech companies in Austria. IMBA is a basic research institute of the Austrian Academy of Sciences, the leading national sponsor of non-university academic research. **We are searching for a**

Data Scientist in Image Analysis

The position will be associated with the **BioOptics Facility**, which provides 'state of the art' microscopy applications, flow cytometry -, and image analysis services.

In this role, you will

- Build a knowledge hub for bioimage processing and analysis
- Design and refine AI algorithms for image analysis, collaborate with cross-functional teams to address biological challenges, and develop innovative solutions for feature extraction and pattern recognition
- Develop novel workflows, scalable data pipelines, and tool collections for image analyses aspects of research projects with scientists in research groups
- Implement, and adjust image analysis tools for analysis of microscopy data
- Coordinate image analysis across research groups, including embedded bioinformaticians
- Take part in establishing and maintaining data-infrastructures, repositories, and image research data management including large-data handling ensuring FAIR (findable, accessible, interoperable, and reproducible) principles (in collaboration with IT)
- Actively engage with colleagues across various disciplines to stimulate collaboration, foster innovation, share knowledge
- Foster training of scientists in competence in coding and adjusting image analysis pipelines

Your profile:

- Completed higher education (PhD or MSc) in computer science, biomedical-image analysis or a related data-science field
- Several years of relevant work experience in the field (research-group or core facility)
- Proven strong programming and data-analysis skills in Python.
- In-depth understanding of Artificial Intelligence, Machine Learning and Deep Learning applications
- Proficiency in a wide variety of programming languages and image analysis programs (FIJI, Jupyter, CellProfiler, Napari)
- Highly collaborative and proven track-record of success in scientific collaborations
- Service-oriented workstyle with high self-motivation and reliability
- Excellent communication and interpersonal skills, enabling effective interaction with a diverse group of scientists
- Good analytical skills and creativity in solving problems

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 gross salary for this position is € 75.737,20 (equivalent to FWF senior postdoc) based on a full-time employment, 40h/w, negotiable based on qualification and experience. We aim to fill this position as soon as possible.

The position is initially limited to two years, with the possibility to convert to a permanent position after one year.

Please apply via our **job portal**. Application Deadline: **June 30, 2025**. Application should include **CV**, **letter of motivation** and **contact details for 2 referees**.

Apply Now

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