

Ries lab

# Technical officer for super-resolution microscopy

The Ries lab is developing super-resolution microscopy methods for structural cell biology. We are looking for a technical officer with a microscopy background who will be in charge of our MINFLUX and SMLM microscopes, further develops them and supports biologists in their use. The position is open-ended.

## About the position

The technical officer will assist biologists in the Ries group and from other groups in the Vienna BioCenter in using our advanced microscopes, including a next generation MINFLUX instrument that we are developing in collaboration with Abberior Instruments for dynamic live-cell imaging, as well as custom automated 3D multi-color SMLM microscopes. Additionally, we provide the opportunity to engage in own research projects.

## Candidates

We are looking for a talented applicant with excellent communication skills and a background in microscopy who is excited about making the most advanced microscope technologies accessible for cutting-edge biological projects. The applicant should hold a Master or PhD degree in physics, biophysics or biology and has experience in building or aligning microscopes, as well as in using fluorescence microscopy on biological samples, including sample preparation. Expertise in SMLM, image data analysis and programming (Python or Matlab) and experience in providing microscopy as a service are beneficial.

Excellent spoken and written English skills are required.

## Application

Please send your documents to [jonas.ries@maxperutzlabs.ac.at](mailto:jonas.ries@maxperutzlabs.ac.at) and include a motivation letter, a concise description of research experience and contact details for three references.

Interviews will be held on a rolling basis and as soon as a suitable candidate is found, the position will be filled.

## Contact

For details on the project please contact: Jonas Ries ([jonas.ries@maxperutzlabs.ac.at](mailto:jonas.ries@maxperutzlabs.ac.at)). Further information about the Ries lab at:

- <https://www.maxperutzlabs.ac.at/research/research-groups/ries>
- <https://rieslab.de>

## About the Max Perutz Labs

The successful applicant will work in a stimulating scientific environment: [Department for Structural and Computational Biology at the Max Perutz Labs](#), a research institute established by the University of Vienna and the Medical University of Vienna to provide an environment for excellent, internationally recognized research and education in the field of Molecular Biology. Dedicated to a mechanistic understanding of fundamental biomedical processes, scientists at the Max Perutz Labs aim to link breakthroughs in basic research to advances in human health. The Max Perutz Labs are located at the [Vienna BioCenter](#), one of Europe's hotspots for Life Sciences, and host 45 research groups, involving around 400 scientists and staff from 50 nations.

### MAX PERUTZ LABS

Vienna BioCenter • Dr. Bohr Gasse 9 • 1030 Vienna  
Tel: +43 1 4277 24001 • [office@maxperutzlabs.ac.at](mailto:office@maxperutzlabs.ac.at)  
[www.maxperutzlabs.ac.at](http://www.maxperutzlabs.ac.at)

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