

Light Microscopy Expert

Job ID

REQ-10052674

Jun 30, 2025

Switzerland

Summary

As an expert in light microscopy you will join a core facility team as a consultant for researchers at Novartis Basel. You will also play a key part in supporting scientific projects by advising users, coordinating resource sharing, and contributing to the maintenance and optimization of microscopy infrastructure.

About the Role

Major accountabilities:

- Provide expert guidance to users and advanced users on all aspects of light microscopy experiments, including sample preparation, selection of microscopy modalities, and optimization of instrument settings.
- Support microscope owners in evaluating system performance and troubleshooting technical issues.
- Co-organize training sessions and educational programs in optics and microscopy.
- Stay up to date with emerging technologies; organize equipment demonstrations and provide strategic input for procurement decisions.
- Foster collaboration by connecting microscopy users across campus and helping to build a vibrant, engaged user community.
- Collaborate with image analysis specialists to assist researchers in the initial stages of image processing and data analysis

Further capabilities:

- Practice efficient time management, focuses on deliverables, and is able to effectively prioritize.
- Analyze & communicate own results to department/project meetings.
- Provide input to internal/ external publications.
- Broaden technical knowledge via departmental activities, literature reading and experiential learning as well as attending conferences and workshops.
- Utilize established networks and builds new network connections, including outside of existing project team.
- Train members of lab and broader project team in familiar techniques.

Education and Work Experience:

- PhD in Biology or Physics and 5 + years experience with high-end microscopy either as a post-doc or as a member of a microscopy facility or comparable qualifications

Languages :

- excellent command / highly proficient in spoken and written English

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Division

Biomedical Research

Business Unit

Pharma Research

Location

Switzerland

Site

Basel (City)

Company / Legal Entity

C028 (FCRS = CH028) Novartis Pharma AG

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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