

Light microscopy specialist / staff scientist (f/m/d).

The **Leibniz Institute of Virology (LIV)** in Hamburg, Germany, is committed to research on the biology of different human viruses as well as the pathogenesis of viral diseases and offers the opportunity to perform cutting-edge research in a world-class research environment with excellent facilities.

The **technology platform "Microscopy and Image Analysis" (TP MIA)** is part of the department "Structural Cell Biology of Viruses" and the central imaging unit at the LIV. The TP offers state-of-the-art light and electron microscopy methods (LM and EM) and correlative techniques for LIV scientists and external cooperation partners. TP MIA also serves as imaging center of the Leibniz Center Infection ([LCI](#)). The main tasks of the TP MIA are consulting, training and support of microscopy users as well as assistance in data analysis and quality assessment of the scientific knowledge gained from the data. To ensure efficient operation of the imaging equipment, appropriate technical support and maintenance of the TP instruments as well as of the microscopes in other departments is also provided. As a research-oriented unit, the TP MIA develops and adapts preparation and imaging techniques tailored to the scientific questions of the users. It is specialized in integrative methods and workflows for the correlation of multimodal images over a wide range of complexity.

The primary responsibility of the recruited candidate will be to ensure the day to day running of all light microscopes in the facility and associated workflows and furthermore the scientific support and training of the users in the various imaging systems together with the TP MIA team. In addition, users have to be advised on the methodology best suited to their specific biological problem and supported in image data analysis. Support of primary research projects and technology developments is advantageous.

We are searching for exceptional, highly motivated candidates holding a PhD degree in physics, biology or related disciplines with sound knowledge and experience in light microscopy techniques and thorough understanding of their technical basics. Solid knowledge in image processing and data management are essential. Ideal is experience in programming and use of evaluation software. A good basic understanding of cell biology and experience in infection biology and correlative microscopy methods are desirable, as well as experience with working in a light microscopy facility. Organizational talent, interpersonal skills, fluent (oral and verbal) English language skills and a service-oriented attitude are prerequisites.

We offer the opportunity to perform and support cutting-edge research in an extremely stimulating work environment equipped with state-of-the-art technology. The position is offered for 2 years initially, with the possibility for extension and the option to become permanent. Payment (E13, commensurate with experience) and social benefits will be in accordance with the regulations of the German TV-AVH (salary agreement for public service employees). The Leibniz Institute of Virology is an international research institute with English being a main communication language. For further information please visit the website, <https://www.leibniz-liv.de>, or contact Dr. Roland Thünauer (roland.thuenauer@leibniz-liv.de) or Prof. Dr. Kay Grünewald (kay.gruenewald@leibniz-liv.de)

The Leibniz Institute of Virology promotes professional equality. Handicapped applicants with equal qualifications will be given preferential treatment. Please send your application by **31st August 2022**. Please indicate your earliest possible starting date. Applications providing a motivating cover letter, a CV and the names of at least two referees in a **single** PDF should be sent via regular or electronic mail to: