Head of light microscopy facility (f/m/d).

The Heinrich Pette Institute – Leibniz Institute for Experimental Virology 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 HPI. The TP offers state-of-the-art light and electron microscopy methods (LM and EM) and correlative techniques for HPI scientists and external cooperation partners. TP MIA serves also 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 Head of light microscopy 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. In addition, users have to be advised on the methodology best suited to their specific biological problem and supported in image data analysis. These duties should be performed in close cooperation and coordination with the head of electron microscopy within the TP MIA. Involvement in primary research projects and technology developments is desired.

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 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 in running a light microscopy facility. Organizational talent, interpersonal skills, negotiation skills with industrial partners, 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 (£13/E14, 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 Heinrich-Pette-Institute is an international research institute with English being a main communication language. For further information please visit the website, http://www.hpi-hamburg.de, or contact Prof. Dr. Kay Grünewald (kay.grunewald@leibniz-hpi.de)

The Heinrich Pette Institute promotes professional equality. Handicapped applicants with equal qualifications will be given preferential treatment. We aim to increase the percentage of women in research, and therefore encourage female scientists to apply. Equally qualified candidates with disabilities will be considered preferentially. Please send your application by 31st May 2020. 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:

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