



The Core Facility "*Light Microscopy*" is seeking an

Imaging Scientist

(Ref.-No. 2023-0135)

The Core Facility "Light Microscopy" headed by Dr. Felix Bestvater provides a wide range of services in the field of modern imaging techniques. In an international, scientific environment, we offer advice, practical training, technical support and 24/7 access to sophisticated microscopes and a wide range of applications.

We are looking for a PhD scientist to strengthen our team as an application and automation specialist in the field of advanced light microscopy methods.

Job description:

- Establishment and support of state-of-the-art light microscopy, in particular lightsheet imaging, and associated applications (sample clearing, imaging, reconstruction, analysis) in cooperation with users
- Development and testing of light microscopy applications and innovative evaluation methods (e.g. creation of algorithms for feedback microscopy)
- Instructing, advising and supporting users at the microscopes in further advanced applications such as super-resolution, high-throughput and feedback microscopy as well as in the field of digital image processing and data evaluation
- Fault diagnosis and support of the team in the maintenance of the microscopes as well as quality management
- Correspondence with the manufacturing companies as well as organization and supervision of external maintenance orders
- Co-organization and support of courses, workshops and in-house training events

Your profile:

- (Natural) scientific university degree with doctorate, preferably in the fields of biology, physics, engineering sciences
- In-depth theoretical and practical knowledge in bioimaging, especially optical microscopy techniques, advanced image analysis, image data management and sample preparation
- Programming skills (e.g. R, Python, Java) and experience in the development and implementation of machine learning based methods desirable
- Practical experience with optical setups helpful
- High level of self-motivation, independent and reliable way of working
- Ability to work in a team, open-mindedness and willingness to communicate
- Very good written and spoken English

Contract period:

The position is initially limited to 2 years with the possibility of prolongation.

The position can in principle be part-time.

The DKFZ is committed to increase the proportion of women in all areas and positions in which women are underrepresented. Qualified female applicants are therefore particularly encouraged to apply.

Among candidates of equal aptitude and qualifications, a person with disabilities will be given preference.

To apply for a position please use our online application portal (<https://www.dkfz.de/en/stellenangebote/index.php>).

We ask for your understanding that we cannot return application documents that are sent to us by post (Deutsches Krebsforschungszentrum, Personalabteilung, Im Neuenheimer Feld 280, 69120 Heidelberg) and that we do not accept applications submitted via email. We apologize for any inconvenience this may cause.



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Important notice:

The DKFZ is subject to the regulations of the Infection Protection Act (IfSG). As a consequence, only persons who present proof of immunity against measles may work at the DKFZ.

Contact:

Dr. Felix Bestvater, phone +49 (0)6221/42-1932

Please note that we do not accept applications submitted via email.

Application deadline:

05.05.2023

