



The Berlin-based Max-Delbrück Center (MDC) for Molecular Medicine in the Helmholtz Association is one of the world-leading research institutes for molecular biology and genetics, with a focus on translational approaches to develop treatments for neurological diseases, cancer, cardiovascular and metabolic diseases. For our Advanced Light Microscopy Technology Platform we are looking for one

## Light Microscopy Specialist (m/f)

The Advanced Light Microscopy Technology Platform (ALM) is offering a full-time position for a highly motivated person who is interested to apply and develop their skills to support scientists with image acquisition, sample preparation as well as data analysis. ALM is currently hosting 15 advanced light microscopy setups including confocal/spinning disk microscopy, 2-photon/intravital microscopy, light-sheet microscopy, STED superresolution microscopy, TIRF/single molecule imaging, FLIM/FRET imaging, laser capture microdissection as well as a range of image analysis workstations and software packages (i.e., Imaris, Arivis, Huygens).

### Description

#### Responsibilities include

- maintenance of the daily operation of the high-end light microscopes and the platform infrastructure including instrument performance control, trouble-shooting, alignments
- user training and ad-hoc assistance in several basic and advanced light microscopy techniques to ensure that microscopes are setup and used correctly
- project-based user support in sample preparation, image acquisition, data processing and image analysis

### Requirements

- the applicant should have a Bachelor degree (BSc) in Biology, (Bio)Physics, Bioinformatics, Bioengineering or related fields, but Master and PhD level candidates are also welcome to apply
- solid hands-on experience and in-depth understanding of light, fluorescence and confocal microscopy
- service-orientation, team player as well as excellent organizational, problem-solving and communication skills (working language is English)
- practical experience with data processing, image analysis, programming or additional advanced imaging techniques would be a strong plus

The applicant will need to develop a detailed technical understanding of the available microscopes and image analysis tools.

### Salary

The salary is dependent on relevant qualification (up to E11 TVÖD).

<b>Deadline</b>	15. September 2018.
<b>Entry date</b>	The position is available from 01.October 2018 on.
<b>Limitation</b>	The position is initially limited for 2 years with the perspective of extension.

The MDC is an equal opportunity employer and supports gender equality.

**For further information about the position please contact:**

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Advanced Light Microscopy

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Please, send your application including full CV, letter of motivation, description of relevant experience and contact information for two referees preferably by email to [jobs@mdc-berlin.de](mailto:jobs@mdc-berlin.de) (indicating the **registration number 10975/2018**) as pdf files (2 files of 5 MB at the maximum) as we do not return any papers.