

June 11, 2015

The Max Planck Institute of Molecular Cell Biology and Genetics (MPI-CBG) EM facility ( <http://www.mpi-cbg.de/facilities/profiles/electron-microscopy.html> ) is a central core facility for electron microscopy in biology, which performs its own research and supports the research groups at the MPI-CBG. The facility is equipped with 4 TEMs ,including 2 TEMs (300kV FEG) for electron tomography, cryo-tomography, STEM-tomography and one SBF-SEM. The facility supports EM users, it offers services in EM and develops imaging techniques in EM.

### **Job description**

In order to support the development of its activities, the EM facility is looking for an electron microscopy and imaging expert.

1 - The successful candidate will support the electron microscopes of the institute: (s)he will overlook the electron microscopes and keep them at the highest possible operational level, attending to the hardware and software components of the various systems. (S)he will train users with different levels of EM expertise on the microscopes. (S)he will coordinate service and repairs (by the microscope manufacturer) of the microscopes.

2 - The EM expert will be involved in the development and support of innovative imaging strategies, from image acquisition to image processing in correlative light and electron microscopy (CLEM), in 3DEM (electron tomography and SBF-SEM) and in cryo-TEM

3 - (S)he will also support and advise users in EM and (s)he will independently provide service for a large range of biological projects that are developed at the institute (<http://www.mpi-cbg.de>).

You should have a good understanding in electron microscopy technology and in the operation of electron microscopes, as well as a good expertise in scientific imaging software and image processing. Communication and training skills are important in the interaction with users of the facility. The institute is very international, welcoming and an exciting place to work. The language is English.

The Max Planck Society is an equal opportunity employer. It is committed to employing more handicapped individuals and especially encourages them to apply. The Max Planck Society also seeks to increase the number of women in those areas where they are underrepresented and encourages women to apply.

Please send your application with cover letter and full CV by email to:

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