



**STUDENT ASSISTANT IN CELLULAR/MOLECULAR
BIOLOGY - CODE NUMBER 12/2023**

The Department of Optical Nanoscopy (Prof. Dr. Stefan W. Hell) is looking for a **student assistant in Cellular or Molecular Biology** to support nanoscopy-based neurobiological applications.

YOUR TASKS

- preparation of samples for fluorescence imaging
- handling of cell lines or primary cells, transfections and electroporation
- implementation of cloning strategies and purification of plasmids
- biochemical essays (e.g. SDS-page, western blot)
- carry out fluorescence imaging experiments on various microscopy setups
- implementation of established image analysis workflows
- support with laboratory management tasks

YOUR QUALIFICATIONS

- Bachelor or Master student in Molecular Biotechnology, Molecular Biosciences, Neuroscience or similar
- knowledge in the field of cellular and molecular biology
- practical experience in cell culture and standard molecular biology techniques
- fluorescence imaging and image analysis experience is a desirable
- experience with brain slides/tissue preparation is advantageous
- hands-on experience in sample preparation for fluorescence microscopy is preferred
- experience in documenting experiments on electronic lab journals
- experience with ImageJ/Fiji or Python is a preferred but not essential
- working in an independent and thorough way
- cooperative and transparent way of working in different teams
- clear and open communication skills
- flexibility and ability to work in an interdisciplinary and international team
- good knowledge of written and spoken English

OUR OFFER

- interesting, diversified tasks with self-responsibility
- flexible working hours
- highly-motivated team
- internationally oriented institute with a very good work environment

YOUR APPLICATION

We look forward to receiving your application via the [website](#) in electronic format **no later than July 6th, 2023**.

ABOUT US

At the Max Planck Institute for Medical Research, one of the 86 institutes of the Max Planck Society for the Advancement of Science, physicists, chemists and biologists create knowledge of long-term relevance to life and basic medical sciences. Currently, our around 270 employees are divided into four departments and one Max Planck Research Group. In addition, the institute is part of the Health + Life Science Alliance Heidelberg Mannheim – an association of the leading life science research institutions in the region.

The Max Planck Society is committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals. The Max Planck Society strives for gender and diversity equality. We welcome applications from all backgrounds. Furthermore, the Max Planck Society seeks to increase the number of women in those areas where they are underrepresented and therefore explicitly encourages women to apply. A daycare center for children is located near the institute.

CONTACT

For **further information**, please contact **Dr. Elisa D'Este** (elisa.deste@mr.mpg.de).

For **general questions**, please contact **Mrs. Simone Keckeis** (simone.keckeis@mr.mpg.de) or **Ms. Sabrina Giacalone** (sabrina.giacalone@mr.mpg.de) from human resources.

Max Planck Institut for medical
Research
Jahnstraße 29
69120 Heidelberg
Deutschland

mr.mpg.de

Twitter: [@mpi_mr_hd](https://twitter.com/mpi_mr_hd)

