



## Postdoctoral Researcher (f/m/d) (CRISPR Biology)

The Max Planck Unit for the Science of Pathogens (MPUSP) headed by its director Prof. Emmanuelle Charpentier is seeking a Postdoctoral Researcher with excellent skills and knowledge in the field of CRISPR biology.

MPUSP is an international research institute of the Max Planck Society located in Berlin. The institute was founded in 2018 with the mission to strengthen fundamental research on pathogens causing diseases in humans. MPUSP aims to achieve a better understanding of the complexities of pathogens and their interactions with their natural environment by developing innovative approaches (<https://www.emmanuelle-charpentier-lab.org>). MPUSP offers an interactive and dynamic environment where our team of international and creative scientists are provided ongoing support to take on original research projects and answer free-minded basic biological questions. MPUSP operates in a unique mode of cooperation between the administration, management and research. Our scientists benefit from a state-of-the-art infrastructure, integrative and custom-designed research platforms and a wide range of scientific activities. MPUSP emphasizes personal development: junior and senior scientists at MPUSP are engaged in research, but also take active part in scientific education, mentoring and teaching, and in the management and development of the institute.

The institute is seeking a highly motivated and talented scientist to join an international and collaborative team in an outstanding and competitive scientific environment. The successful candidate will carry out research with the aim to understand the biology and molecular details of various CRISPR-Cas systems. MPUSP is interested in developing projects aiming to focus on the understanding of i) the interactions between mobile genetic elements (e.g. phages) and prokaryotic hosts, ii) the evolution and biogenesis of prokaryotic defense systems, iii) the biochemistry of RNA maturation, DNA interference, and the enzymatic activities of Cas effector proteins and iv) the molecular details of the adaptation process. The successful candidate is expected to pursue research at the highest standards and contribute actively to collaborative and complementary research across the institute.

### Your qualification should include:

- PhD in Biochemistry, Genetics, Microbiology and/or Molecular Biology
- A proven record of successful publications in highly respected international scientific journals
- Excellent level of English language (presentation and writing skills)
- Experience working abroad is considered as an advantage
- Friendly disposition, confident and responsible work ethics
- Working independently and as part of an international team
- Self-motivated and enthusiastic to work in a competitive, dynamic, stimulating and interacting international scientific environment focusing on basic biological research

The position is initially for 2 years with the possibility of an extension. The payment level is based on the German state public service salary scale (TVöD-Bund) according to the training, qualifications and professional experience. The benefits correspond to the regulations of the public service. The position is available at the earliest possible date. The Max Planck Society is committed to employing more handicapped individuals and especially encourages them to apply. 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. The Max Planck Society strives for gender and diversity equality. We welcome applications from all backgrounds. For more information, please contact us at: [jobs-charpentier@mpiib-berlin.mpg.de](mailto:jobs-charpentier@mpiib-berlin.mpg.de).

Applications will be accepted exclusively via our online application portal. If you are interested, please follow the link <https://recruitingapp-5461.de.umantis.com/Vacancies/291/Application/CheckLogin/2?lang=eng> and upload your full application in English by **October 15<sup>th</sup>, 2019**:

**Max Planck Unit for the Science of Pathogens**  
Department of Human Resources