



two Postdocs (m/f/d)

About the Institute

The Max Planck Institute of Biophysics (MPIBP) is a leading international research institute that uses biophysical, biochemical and computational methods to investigate the structure, dynamics and function of cellular systems at the molecular scale. It consists of several research groups and scientific core facilities, with about 200 employees from more than 25 countries. The Institute is located at the Campus Riedberg in Frankfurt am Main.

The lab “Mechanisms of Cellular Quality Control” led by Florian Wilfling at the Max Planck Institute of Biophysics is seeking two highly motivated Postdoctoral researchers to work on two projects funded by an ERC Starting Grant. The aim of the projects is to investigate the mechanisms of cargo recruitment during autophagosome biogenesis (Lee et al., Nature Cell Biology 2020 and Wilfling et. al., Molecular Cell 2020) using quantitative mass spectrometry and correlative cryo-electron microscopy techniques. The candidates will join a dynamic, enthusiastic and international team of biophysicists and biochemists ready to tackle exciting problems related to proteostasis in a collaborative fashion.

Qualifications

We are seeking for individuals with

- A PhD degree and an outstanding experimental track record in the fields of biochemistry, molecular biology, biophysics, cellbiology, or a related field of science.
- Hands-on experience in cryo-EM, cryo-ET, and/or fluorescence microscopy or hands-on experience on cross-linking mass spectrometry.
- Hands-on experience with molecular biology, biochemistry and budding yeast genetics techniques such as molecular cloning, protein expression and/or purification.
- Extensive knowledge and strong interest in the field of protein homeostasis (desired).
- A creative and hardworking mindset and a strong interest in basic and interdisciplinary research.
- Proficiency in English (both speaking and writing).

We offer

The Max Planck Institute of Biophysics is an internationally leading research institution in the fields of structural biology, biophysics and cell biology located at the center of the Frankfurt science campus. We are offering excellent working conditions, state-of-the-art infrastructure and an international research environment. The salary is in accordance to the Public Sector Collective Agreement Bund (TVöD, E14). The position is available from the earliest date possible and on full-time basis. It is initially limited to two years but may be extended depending on the success.

How to apply

To apply, please send a cover letter (one page maximum), a curriculum vitae, and the contact details of 2-3 references via the link <https://www.biophys.mpg.de/2009720/open-positions> until **30.08.2022**. Do you have any further questions regarding this position? Please contact Florian.Wilfling@biophys.mpg.de

The Max Planck Society strives for gender equality and diversity. We are also committed to increasing the number of individuals with disabilities in our workforce. Therefore, applicants of all backgrounds and identities are welcome.

