



The Max Planck Institute for Multidisciplinary Sciences is a leading international research institute of exceptional scientific breadth. With more than 40 research groups and some 1,000 employees from over 50 nations, it is the largest institute of the Max Planck Society.

The research group of *Molecular Mechanisms of Membrane Trafficking* (Dr. Oleksiy Kovtun) at the City Campus invites applications for a position as

PhD student (f/m/d)

- Cryo-ET studies of membrane trafficking -

We are looking to recruit a PhD student for exciting projects in cryo-ET studies of membrane trafficking.

We are a small international team based at Max-Planck-Institute for Multidisciplinary Sciences in Göttingen, Germany. We aim to understand how molecular machines select cargo and drive the formation of transport carriers within the endosomal network. In our research, we use cryo-ET and subtomogram averaging to get detailed snapshots of reconstituted and endogenous molecular machines assembled on the membrane. For details, read [PMID33762348](#), [PMID30224749](#) and [PMID32743075](#).

Requirements

Candidates must have an M.Sc degree in Molecular Biology, Biochemistry or related fields, including at least six months long qualification research project. Excellent communication skills and the ability to work independently are essential for this position. Preference will be given to candidates with experience in protein expression and purification, mammalian cell cultures, cryo-electron microscopy and digital image processing.

Position details

We offer a fully funded position for an initial period of 3 years. The successful candidate will be employed with a competitive salary and other benefits, including healthcare coverage, according to the German Public Service Payscale (TVöD Bund) guidelines. They will enrol in a PhD program at Göttingen Graduate Center for Neurosciences, Biophysics, and Molecular Biosciences ([GGNB](#)).

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.

What we offer

- Interesting and varied work in an interdisciplinary environment
- A wide range of offers to help you balance work and family life: on-campus kindergarten places including vacation care, parent-child offices, etc.
- Further training opportunities and language courses
- Spacious cafeteria with a wide range of meals plus an espresso bar
- Health management: free fitness and yoga room, sports groups, course offerings for a "moving break"
- Initiatives for sustainability and a green environment with a new biotope



Application

The position is open until filled with a rolling applications evaluation. To apply, send a cover letter, CV, university diploma transcripts and contact details of at least two academic referees by e-mail as a single PDF file to:

ausschreibung68-22@mpinat.mpg.de

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Information pursuant to Article 13 DS-GVO on the collection and processing of personal data during the application process can be found on our website below the respective job advertisement.