



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 *Computational Biomolecular Dynamics* (Prof. Dr. Bert de Groot) is inviting applications for a

PhD Student or Postdoc Position (f/m/x)
in the field of
– Ion Channel Simulations –

for any of the following topics:

- Relationship between channel dynamics and permeation.
- Ion channel cooperativity.
- C-type inactivation mechanism in Kv and K2P channels.
- Potassium channel gating due to pressure, temperature or pH.

Your profile

Successful candidates have a keen interest and strong skills in computational molecular physics, structural biology and scientific computing, as well as a strong interest in interdisciplinary research and collaboration with experimental groups.

PhD Students hold (or expect to complete soon) a Master's or equivalent degree in any of these or a related field. Correspondingly, Postdocs hold a PhD or equivalent degree in the above mentioned or related fields.

What we offer

- State of the art on site compute facilities.
- A team of 30+ expert colleagues.
- A family friendly, green campus with on-site kindergarten.
- Ample training opportunities.

The group language is English, so no German language skills are required – but it is a great opportunity for you to learn German. Free in-house language courses are available.

The historic city of Göttingen, located in the heart of Germany, offers great outdoors and cultural opportunities, a vibrant student scene, and an impressive scientific heritage.

Position Details

PhD students will have the opportunity to participate in one of several available PhD programs, with three years funding, in collaboration with the University of Göttingen. Masters students aiming at a fast track PhD are also welcome. The Postdoc position is limited to two years with a possibility of extension.

Payment and benefits are based on the German Public Service Payscale (TVöD Bund) guidelines. We would like to fill the position as soon as possible, but the exact start date is flexible.

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 diversity and gender equality and welcomes applications from all backgrounds.



Application

Applications will be reviewed on a rolling basis until the position is filled.

Please submit your application including a cover letter (explaining background and motivation), a CV (with a publication list, if applicable), and transcripts (translated in English or German, if applicable) preferably via e-mail and as a single PDF file to:

ausschreibung24-24@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.