

MAX-PLANCK-INSTITUT FÜR BIOPHYSIKALISCHE CHEMIE
KARL-FRIEDRICH-BONHOEFFER-INSTITUT
GÖTTINGEN



Max Planck Institute for
Biophysical Chemistry



The **Computational Biomolecular Dynamics Research Group** (Prof. Dr. Bert de Groot) at the **Department for Theoretical and Computational Biophysics** aims at an understanding of the physics and function of proteins, protein complexes, and other biomolecular structures at the atomic level through molecular dynamics simulations and invites applications for positions in different projects as:

Postdoc (f/m) (Code number 35-18)	Markov State Modeling of Permeation in Ion Channels
	Collective Dynamics Underlying Channel Permeation
	Design of Protein Mutations Affecting Channel Gating

PhD Student (f/m) (Code number 34-18)	Permeation and Mechanosensitive Gating of K2P Potassium Channels
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The successful candidate for either position has a keen interest in computational molecular biophysics and skills in structural biology, physical chemistry, statistical mechanics and Biocomputing.

Candidates for the postdoc positions hold a PhD in any of these or a related field. The positions are limited to two years with a possible extension.

PhD candidates should have (or expect to complete soon) a Masters or equivalent degree in Physics or a comparable qualification. You will have the chance to participate in one of several available Ph.D. programs, with three years funding and a possibility of extension, in collaboration with the University of Göttingen.

The payment and benefits for Postdocs and PhD Students are based on the German TVÖD guidelines.

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.

Please submit your application including cover letter (explaining background and motivation), CV, transcripts, and publication record preferably via e-mail as one single PDF file with reference to the code number to ausschreibung35-18@mpibpc.mpg.de or to ausschreibung34-18@mpibpc.mpg.de

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