The **Department of Cellular Logistics** (Prof. Dr. Dirk Görlich) at the Max Planck Institute for Biophysical Chemistry invites applications for several **Ph. D. Student Positions (m/f)** in the areas of **“X-ray crystallography/structural biology, biochemistry, cell biology, protein engineering, recombinant antibodies, mass spectrometry, or biophysics”** (Code Number 37-17)

Our Department studies intracellular transport, the assembly of nuclear pore complexes (NPCs) and of entire cell nuclei, the permeability barrier of NPCs (a "smart" material formed by a phase separation process from intrinsically disordered FG domains), the mechanism of NPC-passage, and cargo-recognition by shuttling nuclear transport receptors. We employ a wide range of techniques such as *in vitro* nuclear assembly and nuclear transport assays, light and electron microscopy, x-ray crystallography, phage display, genetics, isolation of protein complexes, as well as mass spectrometry. We also pursue method development in particular in the areas of nanobodies, protein engineering, and advanced affinity chromatography.

The successful applicants will join projects/develop their own projects in these or related areas. Ph. D. candidates should be team-oriented and hold a Master’s degree (or equivalent) in biochemistry, biophysics, biology, or a related natural science. The Max Planck Institute for Biophysical Chemistry provides an outstanding environment for cutting-edge and interdisciplinary research at the interface between biology, physics and chemistry. The working language is English.

We offer a 3-year contract with the possibility of an extension. The payment and benefits are based on the TVöD guidelines.

The Max Planck Society is committed to increase the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals. 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.

Please send your application preferably as single PDF (including a short letter of motivation, a CV, as well as email addresses of two referees) via email to

**ausschreibung37-17@mpibpc.mpg.de**

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