



MAX-PLANCK-INSTITUTE FOR  
BIOPHYSICAL CHEMISTRY  
Dept. of Neurobiology  
Research Group Structural Biochemistry

Dr. rer. nat. Dirk Fasshauer  
Am Fassberg 11  
37077 Göttingen

+49-551-201 1637  
+49-551-201 1499  
[dfassha@gwdg.de](mailto:dfassha@gwdg.de)

[http://www.mpibpc.mpg.de/groups/fasshauer/fassh\\_main.htm](http://www.mpibpc.mpg.de/groups/fasshauer/fassh_main.htm)

A Post-Doctoral and a Ph.D. position in Computational Biology and Evolutionary Biology are available immediately in the Fasshauer lab at the Max-Planck-Institute for Biophysical Chemistry in Göttingen, Germany. The group is focusing on the protein machinery involved in the fusion of transport vesicles (see [http://www.mpibpc.mpg.de/groups/fasshauer/fassh\\_main.htm](http://www.mpibpc.mpg.de/groups/fasshauer/fassh_main.htm)). Recently, the biochemical approaches were successfully supplemented by computational methods. We want to establish a detailed evolutionary and functional description of the entire protein interaction network involved. To tackle the involved computational problems, we are aiming to develop new tools in the fields of parallel computing and relational databases.

We are seeking outstanding candidates with a firm background in computational biology, mathematics, or computer science. Applicants should have in-depth knowledge of standard bioinformatics methods as well as software and significant experience with programming (preferable in Java) and relational databases (SQL). An interest in bringing together computational biology and biology is desirable. Good knowledge in sequence analysis, phylogenetics, and protein structure & function is a plus.

The postdoc candidate may hold a Ph.D. degree in life sciences, bioinformatics, computer science, or mathematics. The Ph.D. candidate may hold a Master or equivalent in the same disciplines. Candidates should send their publication list and CV including contact details of at least two references per email to Dr. Dirk Fasshauer ([dfassha@gwdg.de](mailto:dfassha@gwdg.de)).

The project is funded by the German Science Foundation (DFG). The Max Planck Society is an equal opportunity employer and particularly encourages applications from women. The Max Planck Society is committed to employing more handicapped individuals and especially encourages them to apply.