

PhD/postdoc positions, one permanent researcher position – *Linser group*

We are looking for additional group members in the field of **NMR spectroscopy on proteins**. Our focus is the characterization of protein structure, dynamics and interactions, using both solution and solid-state NMR spectroscopy. In the past, we have committed ourselves to the development of innovative NMR methodology as well as application of new and established methods to better understand the behavior of various proteins. In particular, we are one of the leaders for solid-state NMR methods development. Current interests are the protein dynamics playing a role for **enzymatic function** and as well as **protein-small molecule interactions**. Our lab has **top-notch 800 and 700 MHz high-field NMR magnets** used for both, solids and solution. We own superb equipment, including two probes for fastest MAS currently commercially available (111 kHz).

The lab will transition to TU Dortmund in spring 2019, where - in conjunction with the MPI for molecular physiology – excellent research opportunities and a generous setting for equipment and personnel are opening up. Therefore, one researcher (postdoc) position will be made permanent after satisfactory performance (akademischer Rat, verbeamtet).

The preferred candidates should be knowledgeable in both, biochemistry and NMR characterization of proteins, including all aspects from protein production, assignments, structure calculation, and basics of dynamics. Applicants should be devoted chemists/biochemists/physicists craving for exciting structural biology data, experts in leading-edge technical concepts, and foster scientific exchange with their fellow coworkers. A social and committed personality, a high level of detail and strong commitment are also an important prerequisites.

The group is (and will be) part of a multitude of science platforms fostering high-quality interdisciplinary research and scientific exchange. German language skills, though not a prerequisite, are a strong plus for teaching involvements.

If you feel like you meet the above criteria, I would be very happy to get in touch.

Please also check the following webpage:

www.cup.lmu.de/oc/linser/

