

Student assistant (HiWi) for 8-10 h per week

The Cordes group specializes in the development and application of novel spectroscopy and imaging techniques that allow to map structure and function of biomolecules and (bio)chemical processes in space and time. For this the group uses a combination of optical techniques (single-molecule fluorescence spectroscopy & super-resolution imaging) with nanoscale sensors, i.e., fluorescent probes. We follow a question-driven approach to gain insight into the molecular mechanisms of membrane transport and is active in developing fluorescent probes and biophysical assays to characterize (bio)chemical processes and structures *in vitro* and *in vivo*.

The group is looking for a student with a background in biology, biochemistry or related fields to support us as a student assistant (HiWi). The work involves basic wetlab tasks such as producing culture media, transformation and reproduction of competent bacterial cells (E. coli) on solid and in liquid media, plasmid extraction, PCR and agarose gel, cloning of recombinant plasmids, protein overexpression and/or SDS page gels.

You are required to have basic experience in laboratory work and should be available for two half days per week, starting as soon as possible. Please send your application via email to cordes@bio.lmu.de; informal inquiries in person or via phone are welcome.

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http://www.mikrobiologie.biologie.uni-muenchen.de/forschung/ag_cordes/index.html