

[The lab of "Structure and Dynamics of Chromosomes"](#) led by Eugene Kim at the Max Planck Institute of Biophysics is seeking a highly skilled and motivated

research technician/ laboratory assistant.

The candidate will strengthen the biochemistry part of our interdisciplinary group, with an aim of uncovering principles of chromatin organization and its functional role at the single molecule level.

The candidate will work closely with colleagues coming from diverse backgrounds to help design, conduct experiments and carry out research projects. You will help purify DNA and protein samples for a broad range of biophysical techniques like cryo EM, cryo electron tomography, and single molecule imaging. You will perform biochemical analysis of DNA/protein interactions, as complementary approaches to the single molecule methods.

Experience with and knowledge of molecular biological techniques, such as molecular cloning, protein expression and purification are required for this position. Experience with biochemical assays to study DNA/protein interactions and knowledge in chromatin biology are a plus.

Your task will include

- Synthesis of DNA construct for single molecule assays
- Cloning, protein purification (in E.coli and in yeast) and labeling
- Biochemical analysis of DNA and protein
- Operating and maintaining lab equipment
- Ordering inventory

Your qualification

- BSc or MSc degree in biochemistry, molecular biology, biomedical science, or the like
- Hands-on experience with molecular biology and biochemistry techniques
- Extensive knowledge of protein biochemistry and cell biology
- Independent, well-organized and reliable work style
- Communicative and interested in the interdisciplinary field thereby contributing to an open and interactive lab culture
- Good English and German communication skills
- IT skills (MS Office)

To apply, please send a cover letter (one page maximum), a curriculum vitae, and the contact details of 2-3 references to Eugene.Kim@biophys.mpg.de until **31.03.2021**. The salary is in accordance with the German federal public service salary scale (TVöD) up to E09B. However, a higher level can be negotiated according to the candidate's experience level and his/her future task. The position will be available starting from the 1st of July and will be initially for 2 years with the possibility of an extension.

Do you have any further questions regarding this position? Please contact Eugene.Kim@biophys.mpg.de.

Max-Planck-Institute of Biophysics



The Institute and the Max Planck Society intend to enhance the proportion of women in areas where they are underrepresented, and they are therefore especially encouraged to apply. The Max-Planck Society welcomes and encourages applications by disabled individuals.



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