

Djinovic Lab

Research Technician

About the Djinovic Lab

Djinovic Lab is interested in the molecular mechanisms underlying the architecture and assembly of the striated muscle sarcomeres, in particular Z-discs. We use an integrative structural biology approach combining biophysical and high-resolution structural studies (macromolecular crystallography being the main technique) with lower resolution approaches (small-angle scattering, electron microscopy) combined with chemical cross-linking mass-spectrometry and NMR.

About the position/ the research project

You will provide specific technical support to a research projects related to structural biology of muscle Z-disk interactome, and assist in the lab on a variety of biochemical, biophysical and structural studies, including gene cloning, protein expression, purification, and characterization of purified protein by various biochemical and biophysical techniques. You are also expected to help with the management of the laboratory, together with lab-manager of the research group.

*We offer a challenging position in dynamic and multidisciplinary team and contribute to our research on fascinating Z-discs assembly within a highly international environment. This is a **30-35 h/week** post for up to 6 years, subject to successful evaluation after one year. The post is funded by the University of Vienna, and is available for **start in October 2020**. This position is remunerated with a minimum gross salary according to collective agreement of Univ. Vienna **2.421,70 Euro for 40 hours/week**, definite salary depends on the previous experiences.*

Candidates

We are looking for a highly motivated candidate who is enthusiastic about working in an ambitious and multidisciplinary team and fits the following profile:

- Degree in Biochemistry, Chemistry, Molecular Biology, or a related field (MTA, CTA, B.Sc., M.Sc., Mag., DI)
- Excellent understanding of the theoretical and technical principles of conventional techniques in protein biochemistry and molecular biology, such as molecular cloning, protein expression and purification and biophysical characterization.
- Practical experience with molecular biology, molecular cloning techniques, protein purification, biochemistry is needed; experience in insect and/or mammalian cell culture is an asset. Experience with biophysical characterization and structure determination will be highly valued.
- High accuracy, reliability and excellent interpersonal and organizational skills are a requirement.
- She/He should be willing to acquire further skills and contribute to the development of new methods.

- The working language in Max Perutz labs is English, excellent command of English (spoken and written) is a must, German skills are an asset. Computer literacy and experience of using Microsoft Word, Excel and PowerPoint is essential.

Application

if you want to join an exciting project and become a member of our interdisciplinary team, please compile an application package containing:

- Letter of interest
- Your CV
- Contact details for two references

Contact

Submit your application to Kristina Djinovic Carugo (to e-mail: admin.vbc5@univie.ac.at) by **September 21st, 2020**.

About the Max Perutz Labs

The Department for Structural and Computational Biology is equipped with state-of-the-art instrumentation/facilities to carry out all steps from cloning, protein expression and purification, to X-ray diffraction, biomolecular NMR, as well as for a series of biophysical and optical spectroscopy techniques. The Department is part of the Max Perutz Labs. The Max Perutz Labs are a research institute established by the University of Vienna and the Medical University of Vienna to provide an environment for excellent, internationally recognized research and education in the field of Molecular Biology. Dedicated to a mechanistic understanding of fundamental biomedical processes, scientists at the Max Perutz Labs aim to link breakthroughs in basic research to advances in human health. The Max Perutz Labs are located at the [Vienna BioCenter](#), one of Europe's hotspots for Life Sciences, and host around 50 research groups, involving more than 450 scientists and staff from 40 nations.

www.maxperutzlabs.ac.at