

Querques lab

Postdoc in Structural Biology & Biochemistry

About the Querques lab

The **Querques Lab** is seeking a **Postdoctoral Researcher** with a background in **biochemistry and structural biology (cryo-EM)**. This position is funded through our **ERC Starting Grant BROADCAST**. If you are passionate about **mobile DNA, structural biology, and genome engineering**, we invite you to join our team!

Our lab focuses on understanding the molecular mechanisms by which **mobile genetic elements (MGEs)** move between and within genomes. We aim to explore their biological impact on genome remodeling and leverage this knowledge to develop new tools for **genome engineering**.

Our research integrates **structural biology** with a variety of **biochemical, biophysical, and biotechnological** approaches, including cell-based assays, protein design, and genome editing experiments.

For further details about the Querques lab, please visit <https://www.maxperutzlabs.ac.at/research/research-groups/querques>.

Requirements

- **PhD** in biochemistry, structural biology, or a related discipline
- Proven expertise in **cryo-EM**
- Experience in RNA biology, CRISPR-Cas genome editing, and analysis of proteomics, RNA/DNA sequencing datasets is highly desired
- Proactive and eager to learn new methods and topics
- Strong **collaborative attitude** in the lab

Application Process

Please submit your application package to: irma.querques@maxperutzlabs.ac.at

Please include the following in your application:

- A motivation letter.
- A CV with a detailed description of research experience and interests.
- Contact details for at least two references.

Interviews will be conducted on a **rolling basis**, and the position will be filled as soon as a suitable candidate is found.

The position is available from **autumn 2025** and will remain open until filled. It is initially funded for a period of **three years**.

MAX PERUTZ LABS

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About 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 (www.maxperutzlabs.ac.at) are located at the [Vienna BioCenter](#), one of Europe's hotspots for the Life Sciences, and host 41 research groups, involving around 450 scientists and staff from more than 50 nations.

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