

The Huis Lab is looking for a

# MSc student

## Continue reading if you are:

- soon ready to pursue your MSc thesis project
- interested in the protein machinery that makes our cells divide accurately
- eager to learn and master new methods
- keen to work in a collaborative and international environment

In the **Huis lab**, we investigate **the molecular mechanisms of chromosome segregation** in human cells. To do so, we integrate state-of-the-art protein biochemistry with structural biology and cell biology. Look at <https://www.maxperutzlabs.ac.at/research/research-groups/huis> for more information and a selection of recent work.

In **your project**, you will focus on the **response mechanisms of a cell to DNA breaks that occur during anaphase**. You will use state-of-the-art methods to purify multiprotein complexes, to study protein – DNA interactions, to analyse protein structures *in silico* and using electron microscopy, to reconstitute post-translational modification patterns, and to inspect dividing cells using fluorescence light microscopy.

## We offer:

- a chance to drive your own research project forward and to master state-of-the-art biochemistry
- an ambitious project for 6-12 months (30 ECTS) with a reimbursement of 500 Euro per month, optionally preceded by a 2-month rotation (10 ECTS)

## Application Procedure:

This project will ideally **start in August, September, or October 2025**. Interviews with interested candidates will be coordinated in May and/or June. The position will remain open until it is filled. To apply or to request more information, please contact Pim Huis in 't Veld: [pim.huis@maxperutzlabs.ac.at](mailto:pim.huis@maxperutzlabs.ac.at)

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

### MAX PERUTZ LABS

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