

# Master's Thesis Position

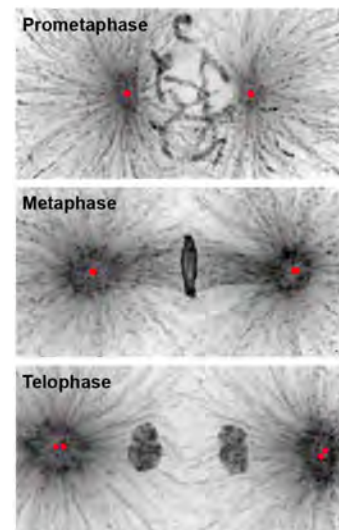
## About the project

Centrosomes play a pivotal role in animal cell division by nucleating and organizing the microtubules of the mitotic spindle. They are composed of a centriole core and a surrounding pericentriolar material (PCM) matrix. Centrosomes act as mechanical elements that respond to pulling forces exerted by molecular motors on microtubules anchored within the PCM.

The aim of this project is to determine and characterize the molecular elements responsible for conferring mechanical strength to the PCM during cell division in *C. elegans* embryos.

## Candidates

We are looking for a highly motivated Master's student with a solid background in molecular and cell biology. Previous experience with *C. elegans* would be an asset but is not essential.



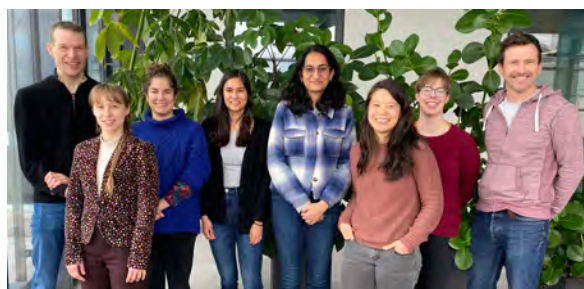
## We offer

A Master's thesis position on an exciting, state-of-the-art project in an interactive and international lab environment. The student will be supervised and trained throughout the project but will be expected to work independently. Master students will receive a stipend (similar to the FWF "Forschungsbeihilfe") of about **470 euro/month**.

## Contact

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Feel free to apply directly by sending a CV and motivation letter (max. 500 words) to one of the email addresses.



For more details see our lab website (<https://www.maxperutzlabs.ac.at/dammermann>), Twitter ([@DammermannLab](https://twitter.com/DammermannLab)) and recent publications.

**We are looking forward to hearing from you!**

### MAX PERUTZ LABS

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