Dammermann Lab

Master’s Thesis Position

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.

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.

Preferred start date is August 2023. Master students will receive a stipend (similar to the FWF “Forschungsbeiträge”) of about 470 euro/month.

Contact:

- Dr. Alexander Dammermann (alex.dammermann@univie.ac.at)
- Júlia Garcia Baucells (julia.garcia.baucells@univie.ac.at)

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

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

We are looking forward to hearing from you!