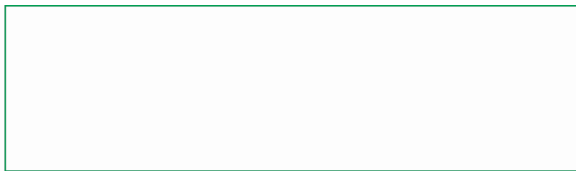




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Dr. Tamara Mikeladze-Dvali

Biocenter of LMU, Munich  
Cell- and Developmental Biology  
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Germany

## **A fully funded PhD position to work on centrosome dynamics**

We are looking for a highly motivated student with a strong background in molecular and cell biology, to join our team. We offer a fully funded PhD position, to work on centrosome dynamics and homeostasis of centrosome-associated proteins.

The Mikeladze-Dvali group aims to delineate mechanisms regulating centrosome dynamics within the framework of embryogenesis and development. Centrosomes are the main microtubule organizing centers of animal cells and represent signaling hubs, harboring mitotic kinases and cell cycle regulators. Centrosomes undergo dynamic changes in their size, number and material properties during the cell cycle. Precise regulation of centrosome dynamics is key for maintaining genome stability and sustaining cell proliferation. Deregulation of centrosomes is linked to diseases ranging from cancer to microcephaly and ciliopathies. The project will use the nematode *C. elegans* as a model system to study the regulation of centrosomal proteins during embryogenesis and will employ a broad spectrum of methods in molecular biology, genetics, quantitative live-cell imaging and biochemistry.

More information at: [https://www.cellbiology.bio.lmu.de/research\\_groups/mikeladze/](https://www.cellbiology.bio.lmu.de/research_groups/mikeladze/)

### **We offer**

- A vibrant and international research environment, with English as our working language
- Access to our state-of-the-art imaging facilities
- Opportunity to attend international conferences and participate in collaborations
- Opportunity to apply to the Graduate School Life Science Munich (LSM), which offers training in many different career development courses

### **Qualification profile**

We expect the candidate to have a Master's degree in biology or related subjects and to bring high motivation, creativity, perseverance, enthusiasm to work in a team, basic coding skills (Python or R) and English communication skills. Previous experience with *C. elegans*, imaging, image analysis or biochemistry would be an asset but is not a prerequisite.

### **Application details:**

Application should be sent to: [tmdvali@bio.lmu.de](mailto:tmdvali@bio.lmu.de)

Please include a motivation letter, CV, final transcript and contact details for two referees

**Deadline of application: 30.05.2024**

Starting date: fall/winter 2024

Duration: 36 months

Salary: 65% TVL13, according to DFG rules

Candidates will be selected for interviews based on their motivation letter, academic merit, and reference letters.