

Lehrstuhl/Arbeitsgruppe/Einrichtung

Chair for Computational and Theoretical Biology (CTTB)/ Spatial Systems Biology/ Biozentrum and CAIDAS

Aufgabe

Management and annotation of microscopy image data for the development and training of machine learning models for cell segmentation in 2D, 3D, and 4D datasets.

Voraussetzungen

You should enjoy working with microscopy image data and in an interdisciplinary team spanning biology, medicine, and bioinformatics. Confidence in using computers, attention to detail, and a willingness to learn are important. Basic knowledge of cell biology is a plus.

Beschreibung der Tätigkeiten

Organize, manage, and curate microscopy image datasets for the development of machine learning models.
Perform systematic annotation of cells in 2D, 3D, and 4D microscopy data using specialized software tools.
Perform quality control of annotations to ensure consistent and reliable training data.

Vertragsdauer/Arbeitszeit

von – bis (Datum)	von:	bis:
	von:	bis:
	von:	bis:
	von:	bis:
	von:	bis:
	von:	bis:
von – bis (Uhrzeit)	von:	bis:
	von:	bis:
	von:	bis:
	von:	bis:
Arbeitszeit in Stunden		
halbtätig	ganztätig	Arbeitszeit nach Absprache
☐	☐	☐

Vergütung

Remuneration is provided in accordance with the standard rates at Julius-Maximilians-Universität.

Die Arbeit erfolgt unter Anleitung von

Dr. Patrick Wurzel

Prof. Sabine Fischer

Ansprechpartner für weitere Informationen zur Tätigkeit

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Sonstiges

The position is suitable for Bachelor's and Master's students and is offered as a one-year contract. A hybrid work setup is expected: on-site presence on Tuesdays is required; remaining hours can be done on-site or remotely.

The total number of hours per month is negotiable.