

Master Thesis Opportunity

Whole-body Analysis of CAR T-cell Therapy

About the Project

We are offering an exciting **Master's thesis project** for a motivated student with a background in life sciences.

You will contribute to an innovative research project focused on investigating the targeting efficacy of **CAR T-cell therapy** in different tumor models. Using our advanced **DISCO tissue clearing technology**, you will visualize and analyze residual tumor cells and CAR T-cells at **single-cell resolution**.

What We Offer

- A dynamic and collaborative research environment
- Training in state-of-the-art biological and computational methods
- The opportunity to bridge theory and practice in a high-impact health research context
- Opportunities for personal and professional development

Your Profile

- Enrolled in a **Master's program** in Biology, Biochemistry, Biomedical Sciences, or a related field
- Prior laboratory experience in tissue handling and immunostaining is desirable
- Structured, reliable, and independent working style
- Strong team spirit and enthusiasm for interdisciplinary science

Your Tasks

- Whole-body immunolabelling and tissue clearing
- 3D imaging and image analysis
- Proteomics sample preparation
- Paraffin sectioning and laser capture microdissection
- Immunofluorescence staining and confocal microscopy

Position Details

Contract Duration: 6 months

Preferred Start Date: July / August

Remote Work: No

Working Hours: Full-time / Part-time possible

Application Documents

Please submit: Motivation letter, Curriculum Vitae (CV), Academic transcripts

Please send your application to:

Stefanie.Reitinger@helmholtz-munich.de