

Postdoctoral Researcher in Translational Cancer Research and Bioinformatics (m/f/d)

Medizinische Klinik III (Onkologie)

The Hospital of the University of Munich, Germany, is one of the largest and most competitive university hospitals in Germany and Europe. 48 specialized hospitals, departments and institutions harbouring excellent research and education provide patient care at the highest medical level with around 11.000 employees.

WORKPLACE	Campus Großhadern	DATE OF ENTRY	15.06.2025
WORKING HOURS	Full time	APPLICATION DEADLINE	Swift
INSTITUTION	Medizinische Klinik III (Onkologie)	REFERENCE NUMBER	2025-K-0165
DEPARTMENT	Med III / ELLF		

Scope of duties

- Perform and analyze wet lab experiments, including cell culture, flow cytometry, molecular cloning, and cutting-edge 3D models such as spheroid and organoid models
- Design and conduct single cell RNA-seq experiments (10x Genomics), from sample preparation to data interpretation
- Collaborate on spatial profiling experiments (Xenium, 10x Genomics)
- Contribute to manuscript preparation, grant writing, and peer review activities
- Drive project development in collaboration with international research partners
- Contribute in teaching of junior lab members

Our requirements

- A PhD or MD (or equivalent) in biological sciences or computational biology or related fields.
- Ability to work independently while contributing effectively to collaborative projects.
- Good communication skills in English.
- Programming skills with R and/or Python.
- Hands-on experience with a variety of molecular biology techniques and cell culture experiments such as flow cytometry; expertise in spheroid or organoid models is an advantage.
- Expertise in transcriptomic methodologies and high-throughput data analysis, including single-cell RNA-sequencing.
- A strong background in molecular biology, cellular immunology or oncology.

Our offer

- **Collaborative Research Environment:** Join a motivated, dynamic, and interdisciplinary team at the forefront of biomedical research.
- **Career Development Opportunities:** Engage in mentorship programs, networking events, and training sessions.
- **Strong Research Environment:** Benefit from a well-established research infrastructure including core and computing facilities, Helmholtz Center, and clinical study centers.
- **Interdisciplinary Network:** Collaborate with experts in oncology, immunology, and bioinformatics.
- **Professional Growth:** Participate in seminars, workshops, and international conferences to enhance your skills.
- **Cutting-Edge Technologies:** Work with state-of-the-art technologies, including single cell sequencing and spatial profiling.
- **Advanced Wet Lab Assays:** Gain expertise in Utilize cutting-edge wet lab techniques, including flow cytometry, BH3 Profiling, multiplex immunohistochemistry, and 3D models (spheroid/organoid models).
- Remuneration is based on the Collective Agreement for the Public Sector of the Länder (TV-L) including all allowances customary in the public sector.

Offers and services of the employer

Further education and training

Company pension scheme

Childcare services

Mobile work (if suitable)

Job ticket

Discounts

Staff accommodation (if available)

Frau Dr.med. Häbe, Sarah

+49 89 4400 43980

Application format

Please use the Online-Form for your application

<http://www.lmu-klinikum.de/eb7e969dbcc797ba>

Disabled persons will be preferentially considered in case of equal qualification. Presentation costs cannot be refunded.

Please note that we cannot reimburse travel expenses incurred through interviews.

We ask you for your understanding that postal applications will not be returned, but will be destroyed in accordance with data protection regulations. The data usage information also applies to postal applications