LMU KLINIKUM

PhD Candidate in Translational Cancer Research (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	Next Possible Date
WORKING HOURS	Full time	APPLICATION DEADLINE	15.06.2025
INSTITUTION	Medizinische Klinik III (Onkologie)	REFERENCE NUMBER	2025-K-0164
DEPARTMENT	Med III / ELLF		

Scope of duties

Are you a talented researcher with strong problem-solving and analytical skills, looking for a PhD position? Are you passionate about translational cancer research and the application of cutting-edge technologies? If so, join our lab! Our focus is on characterizing and assessing the functional impact of treatment on tumor cells and their microenvironment in lymphoma at single-cell and spatial levels.

Your tasks and responsibilities:

- Perform and analyze wet lab experiments, including cell culture, flow cytometry, molecular cloning, and cutting-edge 3D models such as sheroid and organoid models
- Get insight into performing and interpreting single-cell RNA-seq experiments (10x Genomics)
- Contribute to spatial profiling experiments (Xenium, 10x Genomics) and assist in data analysis.
- Play an active role in analyzing biological data, collaborating closely with researchers to extract meaningful insights.

Our requirements

- Master's degree in a relevant field (e.g., Biology, Biotechnology, Bioinformatics, Immunology).
- A collaborative mindest, with the ability to contribute to interdisciplinary research and develop innovative approaches.
- Strong communication skills with experience in presenting research findings at scientific meetings.
- Experience in next-generation sequencing and proficiency in relevant programming languages (e.g., R and/or Python).
- Hands-on experience in designing, conducting and analyzing wet lab experiments, including cell culture and biochemical assays.

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 cuuting-edge wet lab techniques, including flow cytometry, BH3 Profiling, multiplex immunohistochemistry, and 3D models (spheroid/organoid models).
- A Open-Door Policy: Enjoy an open-door policy with weekly meetings to discuss project progress and challenges in a supportive atmosphere.
- 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/996859b95c2d632b

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