



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 approximately 10.000 employees.

The Medizinische Klinik and Poliklinik I

<http://www.klinikum.uni-muenchen.de/Medizinische-Klinik-und-Poliklinik-I/de/Research/Basic-Research/index.html>

invites applications for

## PhD student (m/f/d)

### Area of responsibility:

We offer an exciting position in the field of Immunology and tumor biology in a highly clinically relevant research area. The focus of the group is on the study of Immune cell responses to circulating pancreatic tumor cells (head: Prof. Dr. Steffen Massberg, in cooperation with Prof. Bernd Engelmann). The PhD student will conduct experiments that combine sophisticated genetic mouse models with innovative intravital imaging techniques, immunohistochemistry, nanoscopic imaging, flow cytometry and gene deleting techniques guided by transcriptomic analyses, to identify new innate immune responses that target pancreatic cancer cells and their extracellular vesicles within the blood. The project is embedded in the Collaborative Research Centre (CRC) 1321 Modelling and Targeting Pancreatic Cancer ([https://www.med2.mri.tum.de/en/research/CRC\\_1321.php](https://www.med2.mri.tum.de/en/research/CRC_1321.php)).

### Our requirements:

The ideal candidates should have experience with mouse models, immunological and molecular biological techniques. Experience with multiphoton microscopy would be advantageous. You should be highly motivated and team-oriented with a strong interest in Immunology and tumor biology. Solid English skills written and spoken are mandatory. The successful candidate should hold a master's degree in a life science related discipline, such as molecular biomedicine, immunology or cell biology.

### Our offer:

You will work in an international group of experienced staff (Postdocs and PhD students from different fields like veterinarians, physicians, biologists as well as technicians) with an excellent infrastructure and a strong focus on translational research at Campus Grosshadern.

The salary will be according to TV-L. The positions are initially limited to 2 years with the possibility of extension. Starting date should be 1st October 2019.

In addition, we will offer workshops (scientific and soft skills) and seminars within the research field and a graduate program for the PhD student.

Applicants (m/f/d) should submit their electronic application (including CV, motivation letter, certificates as well as publication list and references if available) to:

Dr. Hellen Ishikawa-Ankerhold: E-Mail: [hellen.ishikawa-ankerhold@med.uni-muenchen.de](mailto:hellen.ishikawa-ankerhold@med.uni-muenchen.de)

The University of Munich is an equal opportunity employer. The University welcomes and encourages interest from handicapped candidates.

Unfortunately, application costs will not be compensated.

Klinikum der Universität München  
Medizinische Klinik und Poliklinik I  
Prof. Dr. med. Steffen Massberg  
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81377 München

Please note that in case of transmitting your job application by e-mail your data will not be encrypted and might potentially be noticed or adulterated by unauthorized third parties. You are welcome to send us your documents by mail.

