PhD Student position (65%)
Biology / Biochemistry / Immunology (f/m)

The Department of Preclinical Imaging and Radiopharmacy of the University Hospital Tübingen, an internationally renowned group at the forefront of preclinical imaging research, is currently looking for a

PhD student in Biology / Biochemistry / Immunology (f/m)

Project description: Immunotherapies have revolutionized the field of cancer treatment and diversified the panel of therapeutic options. Direct and indirect cell labelling strategies will be established in vitro and used to follow antibody and immune cell distribution in vivo by PET/MRI and Optical Imaging in tumor mouse models. With this novel molecular imaging method we aim to monitor tumor immune responses, to investigate the different types of immune cells involved, and to uncover resistance mechanisms. In vivo studies will be complemented by deep tumor and immune cell phenotyping using immunofluorescence, flow cytometry, proteomics and further ex vivo analyses in order to develop new and rationale treatment combinations.

Requirements: We are looking for enthusiastic and dedicated candidates, eager to work and evolve in a highly interdisciplinary environment with chemists, biologists, physicists, and physicians. The ideal candidates should hold a diploma or Master degree in Biology, Biochemistry or related fields with a focus on Immunology and/or Oncology, have the desire to excel in imaging sciences and a drive to communicate scientific results in an international environment. Previous experience with molecular and cell biology techniques (e.g. cell culture, flow cytometry, western blot) is essential. Knowledge of tumor immunology and working with small animals, especially in vivo models of diseases, are considered beneficial.

Opportunities: We offer to work on a high scientific level in a young, experienced and well-funded research team with an excellent interdisciplinary infrastructure providing state-of-the art life science and clinical environment. We offer the opportunity to publish in leading international journals and present the research to an international scientific community. Furthermore, we are connected to a strong network providing an excellent platform to cooperate with local, national and international research labs.

Application: Interested candidates should apply with a complete CV (including photograph and date of birth), all certificates and grades of University educations and potential jobs/interns as well as the names and contact details of at least one referee (former professor/advisor/mentor) until 31st of October 2018.

We offer remuneration in accordance with TV-L (collective wage agreement for the Public Service of the German Federal States) in addition to all the customary benefits granted to employees working in Public Services. Severely handicapped persons with equal qualifications are given preferential consideration. The University of Tübingen is anxious to increase its quota of female scientific staff, and therefore emphatically requests women to apply for this position. The Administration of the University Hospital is responsible for all employment matters. Personnel appointments will be made pursuant to the fundamental stipulations of the legal statutes for universities in Germany. Interview expenses are not covered.

To submit your application or for more information, please contact and refer to ID 9058:
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