



PhD Student

Biology/Biochemistry (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**.

The lungs are the potential hosts of a myriad of lethal diseases, but still suffer from a limited choice of options when it comes to non-ambiguous image-driven diagnostic and therapy monitoring. Focusing on unmet clinical needs, the PhD student will investigate pre-clinically how antibody-based optical and PET tracers developed in-house can provide novel information on the evolution of inflammatory and infectious lung diseases, using state-of-the-art molecular and anatomical *in vivo* imaging technologies.

We are looking for an enthusiastic and dedicated scientist, who is eager to work and evolve in a highly interdisciplinary environment with chemists, biologists, physicists, and physicians. The potential candidate is expected to have an in-depth knowledge in inflammation and infection, sanctioned by a university degree in biology, biotechnology, pharmaceutical sciences or related fields along with the corresponding technical skills. The ideal candidate should have the necessary skills to develop and implement comprehensive experimental protocols, the desire to excel in imaging sciences and a drive to communicate scientific results in an international environment. Experience in working with small animals and knowledge of biological processes is desirable. Preliminary experience with *in vivo* models of lung diseases, *in vitro* and *in vivo* imaging techniques are considered beneficial.

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.

Please submit your complete application via mail or email until 21st of May 2018 using the reference **8674**.

To submit your application or for more information, please contact:
Dr. Nicolas Beziere
Tel.: +49(0)7071 29-87511, E-Mail: nicolas.beziere@med.uni-tuebingen.de.
Universitätsklinikum Tübingen
Radiologische Klinik: Präklinische Bildgebung und Radiopharmazie
Herr Dr. Nicolas Beziere
Röntgenweg 13, 72076 Tübingen (Germany)



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