



Post-Doctoral Research Fellow (f/m/d) in Oncology Research / Preclinical Imaging / Molecular Biology / Immunometabolism



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

Post-Doctoral Fellow (f/m/d) in Oncology Research / Preclinical Imaging / Molecular Biology / Immunometabolism (100%)

The position is initially limited for 2 years with the plan for further extension.

The Department of Preclinical Imaging and Radiopharmacy is a powerful research-oriented group focusing on imaging sciences in oncology, immunology, infectious diseases, and neurology. We develop and apply disease-specific imaging tracers to monitor therapeutic approaches or pathophysiology *in vivo*, utilizing novel imaging technologies and state-of-the-art biotechnology methods.

We have an exciting project at the intersection between molecular imaging, applied metabolic cancer imaging, and personalized therapies in oncology.

The successful candidate will work on image-guided therapy approaches to identify metabolic drivers for immune metabolic modulation and reprogramming. The work will also involve several translational methods for hybrid imaging, immune cell tracking, advanced preclinical metabolic imaging (hyperpolarized metabolism, extracellular metabolism, acidity, and hypoxia), and clinical translation. The successful candidate will conduct the required basic and translational research for future translation of image-guided therapies.

In this context, we are looking for an enthusiastic and highly motivated Post-Doc, who is eager to work in an interdisciplinary environment. The candidate should ideally combine scientific expertise in molecular- and cell biology with immunology and have a profound knowledge of oncology. Experience with hands-on preclinical PET/MR imaging is a plus but not a requirement.

We offer to work on a high scientific level in an experienced and well-funded research team with an excellent interdisciplinary infrastructure providing a state-of-the-art life science and clinical environment. With this position you have 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.

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. Before taking up an activity, the following requirements must be met in accordance with § 23a in conjunction with § 20 Abs. 9 Infektionsschutzgesetz (IfSG) a sufficient vaccination protection against measles or an immunity against measles must be proven (scope of application birth cohorts as of 01.01.1971) as well as a valid vaccination certificate against the coronavirus SARS-CoV-2 according to § 20a Abs. 2 IfSG must be available. Interview expenses are not covered.

For questions, please contact Prof. Dr. André Ferreira Martins, Tel.: 07071 29-87487, E-Mail: Office.WSIC@med.uni-tuebingen.de

Application Deadline: **15.07.2022**

Please send your application documents exclusively as PDF attachments by e-mail quoting the reference number **12121** to:

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Radiologische Klinik
Präklinische Bildgebung und Radiopharmazie
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