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

Post-Doc in Hyperpolarized MRI/MRS (f/m)

The position is available for 2 years with the possibility of an extension.

A key component of our research is the development and application of novel and multimodal imaging approaches. The laboratory is equipped with latest small animal imaging technology such as microPET, microCT, 7T MRI, optical imaging, and clinical and preclinical PET/MRI. Our imaging modalities are complemented by molecular biology labs, microscopy, molecular methods and state-of-the-art cell culture laboratories.

The emerging technology of hyperpolarized MR allows, in combination with MR active nuclei, the investigation of metabolic pathways, and has the potential of triple imaging modalities in a range of pathologies. This technology will pave avenues for entirely new applications of MR, and requires demanding technological developments and conception of applications that allow utilization of the quantitative spatial and temporally correlated imaging information to investigate physiology and pathophysiology in the fields of oncology, immunology, and other.

We are looking for an enthusiastic and dedicated scientist with strong background in the preclinical application of novel methods for MRI/MRS and Dynamic Nuclear Polarization. The candidate should have an interest in biomedical questions in the fields of inflammation, oncology and immunology and an interest in technical challenges. A university degree in biology, biochemistry, pharmacy or pharmacology and technical skills are mandatory. Experience in working with small animals and knowledge of biological processes is desirable. The position demands strong commitment and requires independent working as well as working in a highly interdisciplinary team.

Interested candidates should apply by October 15th, 2018, to Office.WSIC@med.uni-tuebingen.de 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 two referees (former professor/advisor/mentor).

We offer remuneration in accordance with TV-L (collective wage agreement for the Public Service of the German Federal States) in addition to all 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.

For further questions, please contact Office WSIC
E-Mail: Office.WSIC@med.uni-tuebingen.de
Deadline: 15.10.2018.

Please apply per E-Mail (PDF-attachment) referring to ID 9037 to:
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Dept. of Preclinical Imaging and Radiopharmacy
Office WSIC
Roentgenweg 13
72076 Tuebingen, Germany
E-Mail: Office.WSIC@med.uni-tuebingen.de

For more information on the laboratory please visit our website
www.isct.uni-tuebingen.de/wsic