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

**Postdoc in Hyperpolarized MRI / MRS (f/m)**

The position is limited to 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 micro-PET, micro-CT, 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 open new paths for innovative 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 be interested in technical challenges and biomedical questions in the fields of inflammation, oncology, and immunology. 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 **November 21st, 2018**, via Office.WSIC@med.uni-tuebingen.de with a complete CV (including photograph and date of birth), all certificates and grades of university education, and potential jobs/internships 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 aims 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 questions, please contact Office WSIC via e-mail: Office.WSIC@med.uni-tuebingen.de.

Please send your entire application with the reference number 9037 as a single PDF to:

**University Hospital Tuebingen**  
**Radiology**  
**Department of Preclinical Imaging and Radiopharmacy**  
**Office WSIC**  
Roentgenweg 13  
72076 Tuebingen, Germany  
email: Office.WSIC@med.uni-tuebingen.de

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