The Department of Diagnostic and Interventional Radiology at the University Hospital Tuebingen (Chair Prof. Dr. med. Konstantin Nikolaou) invites applications for a PhD position in cardiovascular imaging and experimental medicine to establish and develop novel systems for investigating cardiovascular diseases by integrating hybrid medical imaging, cellular and molecular biology as well as in vivo and ex vivo organ systems. Inflammation, infection, regeneration and hemodynamics are the main foci of interest.

**PhD student in Cardiovascular Imaging/Biomedicine (w/m/d, 65%)**

The position (65%)* is scheduled initially for 1 year with an anticipated starting date at latest of July 1, 2019. Extension of the position is intended.

The central research lab and research section of Radiology have a diverse faculty with backgrounds in biotechnology, experimental medicine, clinical medicine and imaging. We offer a supportive environment to perform interdisciplinary research. The lab is fully equipped with wet-lab necessities and accessible to confocal microscope. State-of-the-art medical imaging facilities include clinical MRI, PET-MRI, PET-CT and duo-energy CT scanner. We are in close collaboration with the Werner Siemens Imaging Center in performing experiments using small animal PET-MRI, PET-CT and novel PET tracers. The ongoing research project is in collaboration with the Werner Siemens Imaging Center and the Heart, Thorax and Vessel surgery of the university hospital Tuebingen as well as our collaborator from Harvard University in Boston.

**Responsibilities:** We seek creative team players, who are passionate about cardiovascular diseases, take risks in addressing important questions and are interested in using multidisciplinary approaches to solve problems. PhD Students are also encouraged to initiate new research projects, attend scientific conferences and present their findings to international scientific communities. The ideal candidate should have a background in life sciences, biomedicine, veterinary or human medicine. Experience in immunology, stem cell research, oncology and cardiovascular biology are preferred. Skills in flow cytometry, cell culture, animal handling and in vivo imaging e.g. intravital microscopy, MRI and nuclear medicine are desired but not required, as long as the candidate is motivated to learn.

**Requirements:** M.Sc. in life sciences or M.D. or equivalences.

To apply, please send your complete application documents (CV, a motivation letter, publication list if available, two references and scans of your degrees with transcripts) **electronically to**

Dr. Yuxiang Ye ([yuxiang.ye@med.uni-tuebingen.de](mailto:yuxiang.ye@med.uni-tuebingen.de)), Department of Diagnostic and Interventional Radiology, University Hospital Tuebingen, Hoppe-Seyler-Strasse 3, 72076 Tuebingen, Germany

**Deadline:** The deadline for applications is April 15th 2019.

*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 Tuebingen is committed to increase its quota of female scientific staff, and therefore strongly encourages 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.*