PhD Positions & Postdoctoral Positions
Tracking Cell Plasticity in the Cardiovascular System

The Feil Lab (Interfaculty Institute of Biochemistry, University of Tübingen, Germany) has openings for PhD students and postdoctoral fellows funded by the DFG, EU/BMBF and Eberle-Stiftung. We use state-of-the-art transgenic mouse and imaging technology to "watch" biochemical processes and cell behavior in real time in living tissues and mice. We are particularly interested in cell plasticity in the cardiovascular system and how it is regulated by the signaling molecule cGMP and cGMP-elevating drugs (e.g. Viagra®). The projects are based on recent discoveries in our lab and involve analyses at the whole organism, cellular and molecular level.

Project 1: Transdifferentiation in atherosclerosis

Project 2: cGMP in cell growth and survival

Project 3: cGMP & vascular mechanobiology

The ideal candidate should be interested to work at the interface of biochemistry and biomedicine and have experience in one or more of the following areas: signal transduction, cGMP signaling, cardiovascular (patho-)physiology, mouse models of cardiovascular diseases, tumor biology, transgenic mice, Cre/lox system, optical imaging, intravital microscopy, PET imaging.

Need more information? For an extended version of this advertisement and more information, please go to the Feil Lab Homepage (https://uni-tuebingen.de/en/10030)

How to apply? Please send your application by e-mail to Prof. Dr. Robert Feil (robert.feil@uni-tuebingen.de). Indicate whether you apply for a PhD or postdoc/junior group leader position, your preference for project 1-2-3, and names/e-mails of two referees. Disabled candidates will be given preference over other equally qualified applicants. The University seeks to raise the number of women in research and teaching and therefore urges qualified women to apply.

Application deadline: 31 October 2018