



The University Medical Center Tübingen is part of the University of Excellence Tübingen. It provides medical services at the highest level and covers the entire spectrum of modern medicine, research, teaching and clinical care.

The Faculty of Medicine at the University of Tübingen invites applications for a position in the Department of Women's Health, Research Institute for Women's Health as joint appointment (according to the Karlsruhe Model) with the NMI Natural and Medical Sciences Institute at the University of Tübingen in Reutlingen as a

Full Professor (W3) of Organ-on-a-Chip Systems

available immediately.

The Faculty of Medicine at the University of Tübingen and the NMI Reutlingen cooperate closely in the multidisciplinary fields of medical technology, biomedicine and personalized medicine. The W3 joint professorship is intended to expand these strategic ties between the University of Tübingen and the NMI Reutlingen in the field of organ-on-a-chip technologies. The employment locations are therefore both the University of Tübingen and the NMI Reutlingen.

The central task of the W3 joint professorship will be the strengthening of the core areas medical technology, biomedicine and personalized medicine in research and teaching, with particular emphasis on its application in the field of women's health, alongside with building bridges to the core competencies of the NMI Reutlingen – pharmaceutical technology and biotechnology as well as biomedicine and material sciences.

The successful candidate should be proven to have carried out internationally competitive, innovative research that is documented by independently obtained third-party funding and publications in international journals. A doctorate in biology, pharmacy, physics, or a related scientific field, several years of experience abroad as well as several years of experience in non-university research facilities and / or in industry are required. Possible research emphases include the establishment of complex human induced-pluripotent stem (iPS) cell-based in vitro microfluidic test systems (lab-on-a-chip systems) and the further development of imaging methods for monitoring cells and tissues.

Willingness and commitment to contribute to the research focus medical technology at the Faculty of Medicine and to actively participate in ongoing and planned research networks at the University of Tübingen, in particular in the newly established 3R-Center (Reduce, Replace, Refine), are required.

In the field of teaching, comprehensive experience evaluated as outstanding, and involvement, particularly in view of innovative curricula in the degree programs taught at the Tübingen Faculty of Medicine, as well as the active participation in lectures and other teaching formats – especially in the inter-university Bachelor program Medical Technology and in the Master program Biomedical Technologies – are expected.

Required qualifications include a PhD or equivalent international degree and postdoctoral qualifications equivalent to the requirements for tenure. This includes evidence of teaching effectiveness.

The University of Tübingen is particularly interested in increasing the number of women in research and teaching and therefore strongly encourages women candidates to apply. In line with its internationalization agenda, the university welcomes applications from researchers outside Germany.

Applications from equally qualified candidates with disabilities will be given preference.

The German-language advertisement is the sole legally binding advertisement of this position.

Please submit your entire application using the web-based application platform <https://berufungsportal.medizin.uni-tuebingen.de>. The deadline for applications is **May 28th, 2020**.

Enquiries may be directed to the Dean (provisional).

Dean (provisional) of the Faculty of Medicine
University of Tübingen
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