



The Tübingen Faculty of Medicine and University Hospital are part of the University of Excellence Tübingen. They provide medical services at the highest level and cover 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 at the newly founded **Hertie Institute for Artificial Intelligence in Brain Health** as a

Endowed Professor (W3) of AI-based Modeling in Neurology

available immediately. The successful candidate will be appointed as a civil servant with “Beamten” status provided she or he meets the criteria.

The successful candidate will conduct internationally visible, innovative research on artificial intelligence (AI) methods for modelling the healthy and diseased brain from a translational and clinical perspective, as evidenced by publications in high impact journals and conferences. This can include the development and use of brain simulations to better understand healthy brain function and the effects of neurological diseases (e.g. epilepsy, Alzheimer’s, Parkinson’s). The integration of simulations and clinical neurodata (e.g. functional MRI imaging, EEG, electrophysiology) with the help of machine learning as well as the development and provision of corresponding data infrastructures should be a research focus. The acquisition of substantial third-party funding is a prerequisite.

The successful candidate should actively drive the development of the new Hertie Institute for AI in Brain Health, as well as participate in the Cluster of Excellence “Machine Learning – New Perspectives for the Sciences” and relevant collaborative proposals. The new institute is embedded in an exceptional structure, the CyberValley & CyberValley Health of the Universities and Max-Planck-Institutes of Tübingen and Stuttgart. Committed and active participation in teaching in the degree programs of the Faculty of Medicine is expected. As this is an endowed professorship, the teaching obligation is initially 2 semester hours per week. Should the endowment funds cease, the teaching obligation will be 9 semester hours per week.

Required qualifications include a PhD or equivalent degree as well as postdoctoral qualifications and teaching experience equivalent to the requirements of a full professorship.

The University of Tübingen is committed to equal opportunity, diversity and inclusion. Female scientists, in particular, are explicitly invited to apply, as are applicants from outside Germany.

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

Please observe the applicable vaccination regulations.

General information on professorships, hiring processes, and the German academic system can be found here: <https://uni-tuebingen.de/en/213700>

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

19, 2023.

Enquiries may be directed to the Dean.

Dean of the Faculty of Medicine
University of Tübingen
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