Postdoc in Interpretable Computational Pathology (f/m/d)

Faculty of Medicine Tübingen, Hertie Institute for AI in Brain Health, index number 7602

Full-time: 100 %	**Limited:** 5 years [1]	**Start of work:** 01.07.2026	**Application deadline:** 17.06.2026	**TV-L** i.d.R. E13 [2]

Tasks

- Methodological Lead: Lead the development and implementation of deep learning models for histopathology and clinical data, ensuring research aligns with grant objectives
- Interdisciplinary Collaboration: Act as the primary technical bridge between engineering colleagues and medical professionals to ensure AI tools are clinician-ready
- Scientific Dissemination: Prepare high-impact articles for peer-reviewed journals and present research findings at national and international conferences
- Lab Mentorship: Support the growth of the new lab by assisting in the supervision of students and contributing to the technical refinement of research grant applications

Profile

- A PhD in a computational field (Computer Science, Data Science, Biomedical Informatics, or related)
- Strong programming skills (Python or R) with a proven ability to process and analyze large-scale, complex datasets using ML
- A track record of scientific creativity and rigor evidenced by first-authored publications and the ability to find novel solutions to complex engineering hurdles
- Excellent written and spoken English skills, with the ability to navigate and contribute to a multidisciplinary team environment
- Experience specifically with digital pathology or other clinical imaging modalities
- A "self-starter" mindset with the organizational ability to help shape the workflows of a newly established laboratory

Benefits

- **Modern Environment:** innovative university hospital, state-of-the-art technology, world-class international research, excellent career prospects
- **Research:** cutting-edge research at the highest level, support from PhD to professorship
- **Career & Development:** structured onboarding, in-house academy, diverse training opportunities, targeted career development
- **Internationality:** cultural & generational diversity, support through language courses , integration programmes (nursing)
- **Equal Opportunities & Diversity:** active promotion of equality, internal committees as a point of contact, network for conflict resolution

About Hertie AI

The “Hertie Institute for AI in Brain Health” (Hertie AI) at the Faculty of Medicine of the Eberhard Karls University Tübingen is funded by the Gemeinnützige Hertie Stiftung to develop AI algorithms, which detect diseases of the nervous system earlier and treat them better.

Contact for questions

Dr. Katharina Höbel
hertieai@medizin.uni-tuebingen.de

Online application to

Dr. Katharina Höbel
Index number: 7602
Including CV and cover letter

Application deadline: 17.06.2026

We offer remuneration in accordance with TV-L (collective wage agreement for the Public Service of the German Federal States), severely handicapped persons with equal qualifications are given preferential consideration. Interview expenses are not covered. Please note the applicable vaccination regulations. The employer actively promotes equal opportunities and particularly encourages applications from women.

[1] Continued employment will be sought whereever possible.

[2] The data provided does not constitute a basis for an employment contract at the University Hospital of Tübingen. It is intended to serve as a rough guide for all interested parties. Remuneration is governed by the applicable collective bargaining agreements in conjunction with the corresponding pay scales. Further information can be found here (https://www.medizin.uni-tuebingen.de/de/karriere/gehalt).