



The **Else Kröner Medical Scientist School “ClinBrAI: Artificial Intelligence for Clinical Brain Research”** has multiple openings for

**Ph.D. Students (E13 TV-L 65%)
to work at the interface of clinical brain research and artificial intelligence.**

The school is a joint initiative of clinical groups from the University Hospital and the [Hertie Institute for Clinical Brain Research](#) and AI research groups (the [Cluster of Excellence: Machine Learning, New Perspectives for Science](#), the [Tübingen AI Center](#) and the [Bernstein Center for Computational Neuroscience](#); see [press release](#) in German). All students will be co-supervised by Principal Investigators from both clinical research and AI and participate in an interdisciplinary training program. Research projects will address various diseases of the nervous system and use approaches from robust, explainable and probabilistic machine learning to develop specific methods for exemplary applications, in close collaboration with clinical experts.

ClinBrAI Principal Investigators include [Prof. Z Akata](#), [Prof. P Berens](#), Prof. M Bethge, [Dr. K Brockmann](#), Prof. M Claassen, [Prof. S Clark](#), Prof. P Dayan, Prof. A Gharabaghi, [Prof. M Giese](#), Prof. A Grimm, [Dr. Dr. R Helfrich](#), Prof. T Kaufmann, Prof. A Levina, [Dr. S Liebe](#), [Prof. J Macke](#), Prof. H Lerche, Prof. N Pfeifer, Prof. L Schöls, [Prof. F Sinz](#), Dr. N Winter, [Prof. U Ziemann](#) (underlined PIs are participating in projects which are recruiting scholars in this call).

Applicants should have a strong background in a quantitative discipline (e.g. machine learning, electrical engineering, maths, statistics, physics, computer science) or (clinical) brain science, strong programming skills, and a genuine interest in pursuing interdisciplinary work and dialogue between machine learning and clinical brain research.

We aim to increase the share of women in science and encourage female scientists to apply. In case of equal qualification and experience, physically challenged applicants are given preference. Applicants are also encouraged to apply to the IMPRS ‘Intelligent Systems’ graduate program <https://imprs.is.mpg.de> (deadline: November 1st, 2022).

Please submit your application materials to mjs-jobs@inf.uni-tuebingen.de, with subject ‘ClinBrAI’. Please include a CV, a brief statement of motivation and research interests, contact details of two referees and, if possible, an indication of which PIs you would be particularly interested in working with. Each scholar will be based in a participating research group at the University hospital or the University, and employment will be carried out by their central administration. Contracts will be for three years.

Application deadline: **November 10, 2022.**