

The Faculty of Medicine of the Goethe University Frankfurt am Main and the University Hospital Frankfurt, platform for Digital Health, invites applications for the following position as a civil servant or public employee starting as soon as possible:

## Professorship (W3) for Deep Scientific Discovery of Personalized Health

We are looking for an internationally visible researcher with a strong background in computer science and expertise in the application of artificial intelligence methods, preferably in the field of cardiovascular medicine and/or predisposing factors such as inflammation, genetics, epigenetics or ageing.

The successful applicant will have a track record in the development and application of novel methodologies (e.g. machine learning, developing innovative data integration tools or specialised omics applications, etc.) to improve personalised risk prediction and/or therapeutic developments in personalised medicine (e.g. by genetic analysis, single cell- or omics-technologies or metabolite detection, RNAs or microproteins). Applications are welcome from researchers with expertise in "precision medicine" tools for comprehensive phenotyping.

The successful candidate becomes a member of the Hessian Center for Artificial Intelligence - [hessian.ai](https://hessian.ai) (see <https://hessian.ai>), within the framework of which the research activities are carried out. A close cooperation with the "Cardio-Pulmonary Institute" (funded by the Excellence Strategy Program of the German Research Foundation) and the German Center for Cardiovascular Research (DZH) is expected.

Prerequisites for the application are university degree, doctorate (PhD and/or MD), habilitation or comparable scientific achievements, experience in leading a research group and teaching. The candidate track record is expected to include high-ranking publications and successful acquirement of external funding.

The formal hiring requirements are defined in sections 67 and 68 of the Hessian Higher Education Act (Hessisches Hochschulgesetz).

Goethe University is an equal opportunity employer, committed to diversity and inclusion. In particular, we are welcoming applications by qualified women and people with a migrant background. At Goethe University, a special emphasis is placed on creating and sustaining a family-friendly work and research environment. Where applicants are otherwise equally qualified, preference is given to candidates with disabilities or equivalent. The same applies to women in fields in which they are under-represented. The designated salary for the position is based on "W3" of the German university scale or equivalent.

Scientists with proven exceptional research and teaching accomplishments are invited to send their applications with curriculum vitae and list of publications, overview of your research and teaching activities as well as references and a selection of recent teaching evaluations in a single PDF document according to the faculty guidelines (<http://www.uni-frankfurt.de/60005087/berufungen>) by 29<sup>th</sup> August 2022 to the Dean of the Department of Medicine: [Bewerbungen-Professur16@kgu.de](mailto:Bewerbungen-Professur16@kgu.de). For further information please contact the chairman of the appointment committee, Prof. Ralf Brandes ([Brandes@vrc.uni-frankfurt.de](mailto:Brandes@vrc.uni-frankfurt.de)). Further information on appointment procedures, legal framework and data protection: [www.vakante-professuren.uni-frankfurt.de](http://www.vakante-professuren.uni-frankfurt.de). Application documents will not be returned after the procedure has been completed.