Within the framework of the Landesoffensive for the Development of Scientific and Economic Excellence (LOEWE) funded by the state of Hesse, the Medical Faculty of Johann Wolfgang Goethe-University Frankfurt am Main invites applications for the following position as public employee starting at the earliest possible date:

### Professorship (W2) in Translational Neurooncology & Computational Immunology

The professorship is initially limited to six years and is located at the Institute of Neurology (Edinger Institute) (Chairman: Prof. Dr. med. Karl H. Plate) at the University Hospital Frankfurt. The professorship is intended to strengthen the LOEWE-Center "Frankfurt Cancer Institute – Molekulare Mechanismen der Therapieantwort bei Tumorerkranungen und Entwicklung individueller Tumortherapien" within the framework of the State Offensive of Scientific and Economic Excellence/Landesoffensive zur Entwicklung Wissenschaftlich-ökonomischer Exzellenz (LOEWE) in the focus area of oncology/immunology of the Faculty of Medicine in research and teaching.

The professorship is intended to structurally develop the interactions of clinical & experimental oncology (with a focus on Neurooncology) as well as computational immunology within the LOEWE-Center "Frankfurt Cancer Institute", the University Hospital Frankfurt and the Medical faculty of Goethe University. The interdisciplinary setup of the professorship is intended to strengthen the oncological research at the UCT (University Center for Tumor Diseases) Frankfurt/Marburg within the German Consortium for Translational Cancer Research/Deutsches Konsortium für translationale Krebsforschung – DKTK, the Frankfurt Cancer Institute – FCI and the Mildred Scheel Career Center – MSNZ.

The major focus of the professorship is the development and implementation of computational methods and quantitative models for the analysis of multidimensional immunological datasets. Moreover, you will be responsible for the establishment of innovative high-throughput methods for the molecular and immunological characterization of solid tumors, with a particular focus on adaptive immune responses and antigen receptors. Successful scientific excellence at the intersection between data science/bioinformatics, immunology and oncology is expected, documented by publications in peer-reviewed journals and the acquisition of extramural third-party funding.

We are looking for a candidate with a master degree in Molecular Medicine, Human Biology or similar, and a PhD in Computational Immunology. Applicants are required to possess a habilitation or proof of equivalent scientific achievements, such as previous experience as junior professor or in non-academic institutions. Experience and commitment in teaching, didactic skills and the willingness to actively participate in teaching in the Department of Medicine, in particular in molecular medicine, human medicine and others are also essential. Applicants with international experience are strongly encouraged.

The formal hiring requirements are defined in sections 67, 68 and 70 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.

To apply, please send a CV, a list of publications, an overview of your research and teaching activities as well as transcripts and course evaluations as a single PDF document written in accordance with the faculty guidelines (www.uni-frankfurt.de/60005087/berufungen) by 16 December 2022 to the Dean of the Department of Medicine of the Johann Wolfgang Goethe-University: Bewerbungen-Professur17@kgu.de. If you have any questions, please contact Univ.-Prof. Dr. med. Karl H. Plate at Karlheinz.Plate@kgu.de. Further information about the appointment process, the legal framework and data protection: www.vakante-professuren.uni-frankfurt.de. Application documents will not be returned after the procedure has been completed.

www.uni-frankfurt.de