

With approximately 7500 employees, the University Medical Center of the Johannes Gutenberg University Mainz (Germany) is one of the largest employers in the State of Rhineland-Palatinate. Our center treats more than 300,000 patients every year and is also a prominent institution for research and education. As a maximum care hospital, we offer numerous opportunities for personal and professional development.

We have an immediate opening for a

Professor for

Clinical Genomics and Bioinformatics

in accordance with salary grade W2 of the State Remuneration Act (Landesbesoldungsgesetz)

We are looking for a clinical geneticist or a clinical genetic laboratory specialist (or a candidate who works towards either qualification) to represent clinical genomics and bioinformatics and human genetics in research, teaching and diagnostics. The successful applicant will be responsible for managing the University Medical Center's Next-Generation Sequencing (NGS) platform and will also closely be associated to the main research areas within the University Medical Center: the Focus Program Translational Neurosciences (FTN), the Research Center for Immunotherapy (FZI), the Center for Translational Vascular Biology (CTVB), and the local University Cancer Center (UCT). The future holder of this position will also be expected to have cross-functional skills such as leadership skills, cooperation capability as well as network competence.

The academic duties of this position will include the bioinformatic analysis of large datasets generated through the NGS platform and the implementation of new algorithms and pipelines with the goal of accelerating and standardizing the clarification and diagnosis of hereditary diseases, as well as to supplement the portfolios of the University Medical Center and the Institute of Moleculare Biology (IMB) through whole exome and genome sequencing. We are seeking an internationally recognized researcher with excellent publications and high-quality third-party research to demonstrate his or her scientific excellence. There is provision for collaboration with the Core Unit Bioinformatics at the University Medical Center.

The activities in the clinical field are extended in particular to the molecular genetic diagnostics of the Institute of Human Genetics as well as the associated Outpatient Center (MVZ). Furthermore, there is a provision for collaboration with the Center for Rare Diseases. Aside from superior expertise in human and molecular genetic diagnostics, service readiness and mediation skills are also required strengths for this position.

The professorship will involve comprehensive participation in teaching students. The holder of this position will be the representative person for medical students in the field of molecular genetic diagnostics in the subject of human genetics and teach bachelor and master students in the biomedicine and anthropology programs. The willingness to assure academic training and demonstrable teaching competence are required for a successful application, as well as the habilitation or an alternative qualification according to § 49(1) no.4a of the Higher Education Act of Rhineland-Palatinate.

All remaining conditions for employment are defined in § 49 of the German Higher Education Act of the State of Rhineland-Palatinate.

The position constitutes a private law employment relationship to the University Medical Center of the Johannes Gutenberg University Mainz. The State of Rhineland-Palatinate, the Johannes Gutenberg University Mainz and the University Medical Center pursue a concept of intensive support for students and expect instructors to maintain a high presence. The University Medical Center of the Johannes Gutenberg University Mainz strives to increase the share of women in scientific managerial positions and therefore invites female scientists, in particular, to apply for the position. Disabled applicants with appropriate qualifications will be favored.

Please send your application with the usual documents (CV, degree and other certificates) in German or English, including proof of previous teaching experience, acquisition of external funding and publications to the

Scientific Director of the University Medical Center of the Johannes Gutenberg University Mainz (Wissenschaftlicher Vorstand der Universitätsmedizin der Johannes Gutenberg-Universität Mainz), Univ.-Prof. Dr. U. Förstermann, email: bewerbung-um@uni-mainz.de, telephone: +49 (0) 6131/17-9693

by **07.12.2017** (applications must be sent by email and, where possible, as a single PDF file).

Please also attach the completed form on research and teaching to your application. The form is available for download on our homepage or can alternatively be requested from the department of Research and Teaching.