

With approximately 8000 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 are inviting applications for the position of

**Junior Professor of**

**Quantitative Neuroimmunology**

(comparable to salary grade W1 LBesG, 6-years contract)

We are looking for a candidate who will represent the field of quantitative neuroimmunology, a highly dynamic research field within *Computational Medicine* with a focus on neuroimmunology, in research and teaching (including the training of young researchers and academic career development) and, if applicable, patient care in the field of neurology. The position is aimed at neurologists (clinician scientists) as well as natural scientists or bioinformaticians with a high potential for development as well as expertise in the field of statistics and bioinformatics, which will be required for the analysis of large amounts of data ("big data"). In addition, the requirements for the junior professorship include prior experience in human resources management, the ability to cooperate, and networking skills.

In the field of clinical neuroscience and immunoscience, increasingly large and complex datasets from large cohort studies and high-resolution experimental studies are currently being linked to develop biological associations, biomarker signatures, and, ultimately, individual personalized prognostic models derived from these multidimensional analyses. The junior professorship is located at the interface between expertise in clinical neurology, neuroimmunology and bioinformatics and is linked to numerous established data-producing cohorts, some of which are connected in cross-site networks. Relevant expertise must be evidenced through academic achievements (publications and acquisition of third-party funding). In addition, the junior professor will be expected to further develop the collaboration between the neuroimmunological and other immunological and neuroscientific or bioinformatics foci and initiatives. Applicants with a background in the natural sciences have to convincingly demonstrate clinical-scientific expertise for the planned research approaches.

For clinician scientist applicants, the possibility of taking on responsibilities in patient care exists, e.g. the clinical leadership of the "atypical inflammatory diseases" unit and the establishment and management of the Rare Neuroimmunological Diseases Outpatient Clinic. Therefore, medical applicants should have a medical license and be in the process of completing a residency (neurology).

Furthermore, the junior professor will be required to teach courses in neurology/neuroimmunology and neuroscience/immunoscience and, if possible, to get involved in extra-curricular teaching in specialty areas. Proof of teaching competence according to § 54 sentence 1 no. 2 of the Higher Education Act of Rhineland-Palatinate (Hochschulgesetz Rheinland-Pfalz) is required.

Applicants must meet all general legal requirements as well as those laid out specifically in § 54 of the Higher Education Act of Rhineland-Palatinate (Hochschulgesetz Rheinland-Pfalz).

The position constitutes a private law employment relationship to the University Medical Center of Johannes Gutenberg University Mainz. The contract is limited to six years.

The state of Rhineland-Palatinate, the Johannes Gutenberg University Mainz and the University Medical Center of Johannes Gutenberg University Mainz are advocates of intensive support for students and expect instructors to maintain an active presence at the university. If the professor works in patient care, German language proficiency is required. The University Medical Center strives to increase the share of women in scientific and managerial positions and therefore especially invites qualified women to apply. Disabled applicants with appropriate qualifications will be favored. Furthermore, the University Medical Center is a member of the dual-career network of the metropolitan Rhine-Main region and supports partners of newly employed top talents in their job search.

Please send your application with the usual documents (motivation letter, CV, degree and other certificates, research concept) in German or English, including proof of previous teaching experience (including certificates, teaching evaluations and concepts, if applicable), acquisition of external funding and publications to the by **April 16, 2023** (applications must be sent by email and, where possible, as a single PDF file).

**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](mailto:bewerbung.um@uni-mainz.de), phone: 06131/39-29546.**

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.

<http://www.um-mainz.de/rfl/ueber-uns/aktuellestermine/stellenausschreibungen>