UNIKLINIK RWTH AACHEN

RWTH AACHEN UNIVERSITY

Please submit your application online by **December 21, 2026** through the RWTH appointment portal at: www.berufungsportal.rwth-aachen.de

For inquiries specific to the academic position, please reach out to Prof. Dr. Fabian Kießling at fkiessling@ukaachen.de. If you encounter technical issues with the appointment portal, please get in touch with our support team at berufungsportal@rwth-aachen.de.

This position is available on a part-time basis upon request. We welcome applications from all qualified candidates, regardless of gender. RWTH Aachen University is recognized as a family-friendly institution and provides a dual career program to support partner hiring. Our Family Services Center, part of the Equal Opportunities Office, is available to offer guidance on family matters, including childcare and caregiving responsibilities.

At RWTH Aachen University, we are dedicated to advancing women's careers and strongly encourage women to apply. When candidates have equal qualifications, skills, and accomplishments, preference may be given to women, provided there are no overriding considerations in favor of another candidate. We also welcome applications from qualified individuals with disabilities and those with equivalent status, and we look forward to applications from international candidates.

For information on the collection of personal data under Articles 13 and 14 of the General Data Protection Regulation (GDPR), please refer to: www.rwth-aachen.de/gdpr-information.

Thinking the Future
Zukunft denken

RWTH Aachen University is one of Germany's pre-eminent Universities of Excellence and is renowned for its high-quality teaching and world-class research. Assuming profound responsibility towards society, RWTH addresses bold scientific questions and translates its knowledge into meaningful applications. RWTH strives for the convergence of knowledge, methods, and findings and integrates in-depth disciplinary knowledge within the interdisciplinary research consortia established in its eight profile areas. The University's dynamic, creative, and international environment encompasses efficient research networks and institutionalized collaborations. With its innovative RWTH Aachen Campus project, the University boasts one of the largest technology-oriented research environments in Europe.

Full Professor (W3) in AI Driven Systems Medicine

at the Faculty of Medicine/Uniklinik RWTH Aachen

We are inviting applications for the position of full professor in the area of AI driven systems medicine, to be filled by March 1, 2028. The professorship is intended to further expand the development and application of data-driven and knowledge-based modeling methods for biomedical problems. A particular focus is on hybrid AI and simulation approaches, digital twins, medical decision support, and translational systems medicine.

RWTH Aachen University invites applications for a full professorship at the intersection of artificial intelligence, biomedical data science, and clinical translation. We seek a researcher who is shaping the future of data-driven systems medicine — bridging multi-omics, clinical AI, and digital health at scale. The successful candidate will advance the development and application of cutting-edge AI methods and data-driven modeling for biomedical research. Topics of interest include digital twins, generative and multimodal AI, explainable models (XAI), the integration of AI-driven and mechanistic/knowledge-based approaches, privacy-preserving AI and their application to molecular systems biology, clinical decision support, and precision medicine. The future holder of this position is expected to further expand the visibility and activities of the Center for Computational Life Science at RWTH Aachen University, secure competitive external funding, and establish innovative research and teaching formats in digital medicine and AI-based healthcare research.

Interdisciplinary scientific co-operation with other departments and clinics of the Medical School, with the research areas of the RWTH Aachen University including SFB TRR 219, SFB TRR 379, SFB 1382, SFB 1739, KFO 344, KFO 5011, GRK 2375, GRK 2415, CIO^{ABCD}, JARA, IZKF AACHEN, with the Institute of Biomedical Technologies (IBMT) and with other technical disciplines are encouraged. In addition, an active commitment in the degree programs of the Medical
Faculty is also expected.

The requirements include a doctoral degree and additional research experience, such as a habilitation (post-doctoral lecturing qualification) or equivalent achievements gained as a university researcher or professor or in a research position outside academia. Teaching ability and dedication are essential and the application should include proof of this. Fluent German is not required to start the position but the successful candidate will be expected to hold classes in German within the first 5 years.