UNIKLINIK RWTH AACHEN

RWTH AACHEN UNIVERSITY

Professor (W2) for Computational Molecular Medicine in cooperation with Research Center Jülich

Faculty of Medicine/Uniklinik RWTH Aachen

We are seeking qualified applicants for teaching and research in the area of Computational Molecular Medicine. It is a professorship according to the Jülich model, which is located at the Institute for Advanced Simulation - Computational Biomedicine (IAS-5) on the part of Forschungszentrum Jülich and at the Clinic for Neurology and the Joint Research Center on Computational Biomedicine on the part of the Medical Faculty. The person will mainly work at the FZJ. Focus should be on High Performance Computing (HPC) for molecular modeling of biomolecules in a therapeutic and diagnostic context. Candidates are expected to have a visible research agenda and outstanding expertise in the development and application of HPC technologies for Computer-Aided Design and Virtual Screening of new ligands for clinically relevant biomolecules. A special focus should be applications in neurology and oncology.

Interdisciplinary scientific co-operation with other departments and clinics of the Medical School as well as with the research center Jülich is required, as well as the cooperation with the Helmholtz Institute for Biomedical Technology and the faculties for sciences and engineering at RWTH Aachen University. Active participation at the Joint Research Center for Computational Biomedicine, the Jülich Aachen Research Alliance (JARA) Section BRAIN and the JARA Center for Simulation and Data Science is expected. Moreover, cooperations with the research areas of the RWTH Aachen University including SFB TRR 57, SFB TRR 219, IRTG 2150, GRK 2375, PAK 961, IZKF AACHEN, with the Institute of Biomedical Technologies (IBMT) and with other technical disciplines are encouraged. In addition, an active commitment in the new medical student's curriculum of the Medical Faculty ("Modellstudiengang Medizin Aachen"), the master program "Biomedical Engineering" as well as in the development of planned new courses of study in the field of Computational Life Sciences is also expected.

A Ph.D. degree is required; additionally, Habilitation (post-doctoral lecturing qualification), an exemplary record of research achievement as an assistant / an associate / a junior professor or university researcher and/or an outstanding career outside academia are highly desirable. Ability in and commitment to teaching are essential. The application should include supporting documents regarding success in teaching and a teaching portfolio. German is not necessary to begin but will be expected as a teaching language within the first 5 years.

Please send a cover letter stating research aims and a CV to:
Dekan der Medizinischen Fakultät der RWTH Aachen, Univ.-Prof. Dr. S. Uhlig, Pauwelsstraße 30, 52074 Aachen.

In addition, please complete the applicant's questionnaire and the teaching portfolio that can be found under https://www.ukaachen.de/fuer-bewerber/stellenmarkt.html

You can also send your application via email to dekanat@ukaachen.de. Please note, however, that communication via unencrypted e-mail poses a threat to confidentiality as it is potentially vulnerable to unauthorized access by third parties.

The deadline for applications is **19.07.2019**.

This position is also available as part-time employment per request.
RWTH Aachen University is certified as a family-friendly university and offers a dual career program for partner hiring. We particularly welcome and encourage applications from women, disabled people and ethnic minority groups, recognizing they are underrepresented across RWTH Aachen University. The principles of fair and open competition apply and appointments will be made on merit.

Thinking the Future
Zukunft denken