The Faculty of Medicine at the University of Tübingen invites applications for a position at the Interfaculty Institute of Microbiology and Infection Medicine (IMIT), section Medical Microbiology and Hygiene, as a

Full Professor (W3) of Translational Genome Mining for Natural Products available immediately.

The University of Tübingen has a long-standing tradition in infection research with a focus on bacterial pathogenesis and antibiotics. The successful candidate is expected to have excellent scientific qualifications in Genome Mining for novel antibacterial agents and the molecular characterization of secondary metabolite biosynthetic pathways. She/he is expected to participate in the teaching activities of the Faculty of Medicine in the field of microbiology.

Possible research topics include the development of software for the identification and analysis of antibiotic biosynthetic pathways within bacterial genomes and metagenomes and the validation of the in silico hits by genetic, biochemical and analytical techniques. Research questions should have a bioinformatic as well as an experimental focus. The group will be embedded in an excellent research environment covering all aspects of modern translational research on antibiotics.

The professorship is funded by the German Center for Infection Research (Deutsches Zentrum für Infektionsforschung, DZIF). The DZIF combines translational research in infection sciences with medical application, thereby fostering interaction between the fields of Microbiology and Medicine. Active contributions to the DZIF are expected, with particular focus on antibiotic-related collaborative DZIF projects.

Further scientific contributions are expected to current and future interdisciplinary collaborative research projects of the University of Tübingen and the IMIT in particular, e.g. the SFB766 “Bacterial Cell Envelope” and the GRK1708 “Bacterial Survival Strategies”. In addition, collaboration with further institutions of the Medical Faculty, the Faculty of Science (especially biology, Bioinformatics and Pharmacy) or the Max-Planck-Institute for Developmental Biology are highly encouraged. Experience with the conception of collaborative research initiatives is requested.

Applicants must provide a university degree in natural sciences, computer science or medicine, a doctorate and Habilitation or an equivalent qualification as well as didactic aptitude.

The University of Tübingen is particularly interested in applications from female candidates for this position and therefore encourages qualified women to apply. In line with its internationalization agenda, the university welcomes applications from researchers outside Germany.

Candidates with disabilities will be given preference if the qualifications of these candidates are identical to those of a non-disabled candidate.

You can find further information on required documentation in our application guidelines at www.medizin.uni-tuebingen.de/struktur_und_berufungen. The German-language advertisement is the sole legally binding advertisement of this position.

Please send your entire application (with application form) as a single, electronic PDF file to: berufungen.dekanat@med.uni-tuebingen.de. The deadline for applications is June 29th, 2018.

Further requests can also be directed to the Dean

Dean of the Faculty of Medicine
University of Tübingen
Professor Dr. med. Ingo B. Autenrieth
Geissweg 5
72076 Tübingen, GERMANY

www.medizin.uni-tuebingen.de