

At the Department of Medical Statistics of the University Medical Center Göttingen we are seeking a

Research Associate / Postdoc (m/f/d)

in Biostatistics / Medical Statistics

fixed-term contract (2 years), full time | salary according to TV-L

About us

The University Medical Center Göttingen is a tertiary care center and offers great development potential. Its 7,900 employees work in over 65 departments and facilities to provide top-quality patient care, excellent research and modern teaching. Göttingen, "City of Science", located near the center of Germany, the University Medical Center Göttingen is embedded in the city's attractive network of scientific research facilities.

Within the Faculty of Medicine and at the 'Göttingen campus', the Department of Medical Statistics (Chair: Professor Tim Friede) offers a statistical advisory service and teaching in the fields of biostatistics as well as bioinformatic analysis of clinical and genomic data. Members of the Department also conduct research in the fields of adaptive designs of clinical trials, meta-analysis / evidence synthesis, survival analysis, clinical epidemiology and computational statistics.

For the participation in a project to establish a platform

trial infrastructure (NAPKON-TIP) within the German National Pandemic Cohort Network (NAPKON) we are looking for a research associate in the fields of biostatistics or medical statistics.

The aim of this project is to set up an adaptive platform trial infrastructure to generate high-level evidence for therapeutic interventions in the SARS-CoV-2 and future pandemics. This infrastructure will be fully embedded into the NAPKON structure, providing the national network of university hospitals and external parties with all services needed. As a use case of NAPKON-TIP, a platform trial on post COVID syndrome is planned.

Responsibilities

- Development of statistical methodologies as decision making algorithms based on Bayesian decision criteria and Monte Carlo clinical trial simulation tools
- dynamically remodelling of the platform trial by adapting strata and interventions
- Implementation of the new methods in statistical software (preferably in R)
- statistical support for the use case
- Publication of the results and their presentation at scientific conferences

Requirements

- Master's degree in Statistics, Mathematics, Biometry or a related field, PhD would be preferable
- previous experiences and strong interest in the development and application of statistical methods in clinical studies
- Knowledge in adaptive designs or platform trials would be an advantage
- very good knowledge in statistical programming (especially in R)
- high proficiency in English, fluent in German would be also an advantage
- high level of motivation, ability to work in a team, proactive personality, scientific curiosity and willingness to learn

We offer diverse possibilities of internal and external professional training.

The University Medical Center Göttingen is committed to professional equality. We therefore seek to increase the proportion of under-represented genders. Applicants with disabilities and equal qualifications will be given preferential treatment.

We look forward to receiving your application by March 19th, 2023:

University Medical Center Göttingen
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Please send your application only via e-mail as a PDF-file.

Travel and application fees cannot be refunded or transferred.
