EBERHARD KARLS
UNIVERSITÄT
TÜBINGEN

**Mathematisch-
Naturwissenschaftliche
Fakultät**

The Chair for Applied Bioinformatics (Prof. Oliver Kohlbacher), Center for Bioinformatics at Eberhard Karls University Tübingen, one of eleven German universities distinguished as excellent under the German government's initiative, is currently looking for a

Bioinformatician/Computational Biologist (TV-L E13 100%)

starting between August and October 2016. Upon a successful evaluation of the first funding period until February 2019, this fixed-term position can be extended for two years.

Research Project

The candidate is expected to participate in the project ***PersOns - Personal Oncology via Semantic Integration of Data*** within a BMBF-funded program in systems medicine. The aim of this project is to develop methods to support clinicians in personalized tumor therapy via semantic data integration, analytics, data visualization, and human-computer interaction. In close collaboration with leading experts in clinical oncology, text mining, semantic data integration, high-throughput data analysis, systems biology, visual analytics, cognitive-psychology, and user interface design, the candidate will focus on the **integration and extraction of clinical and high-throughput data from cancer patients** at contributing university hospitals as well as publicly available data.

Prerequisites

The ideal candidates will have a PhD in Computational Biology, Bioinformatics, Computer Science or a related life science discipline (with significant experience in bioinformatics). Experience in the analysis of high-throughput *omics data as well as strong programming/scripting skills (C/C++, R, Python, JavaScript) are desirable. Other relevant qualifications include:

- Experience with high-throughput data (next-generation sequencing, mass spectrometry)
- Integrative bioinformatics (advanced methods for semantic integration of data on the network level
- Statistical methods for enrichment analyses across multiple omics levels
- Databases (MySQL, NoSQL)

Disabled candidates will be given preference over other equally qualified applicants. The University of Tübingen seeks to raise the number of women in research and teaching and therefore urges qualified women to apply. Formal employment procedures will be carried out by the University's Central Administration. Please send your application (including motivation letter, curriculum vitae, transcripts and certificates and contact details of two academic references) via e-mail as a single PDF to Ms. Claudia Walter (abi-sekr@informatik.uni-tuebingen.de).

Prof. Oliver Kohlbacher, Center for Bioinformatics, University of Tübingen, Germany

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