Bioinformatician within large metastasis research consortium

The Transregio TRR 305 is a DFG-funded collaborative research consortium between the Universities of Regensburg, Erlangen, and the Fraunhofer Society (https://www.experimentelle-medizin.de/verbundforschung/). It focuses on the mechanisms of early metastasis formation with the goal to identify novel therapies to effectively treat systemic cancer. It will become one of the largest metastasis research consortia in Europe with an expected duration of 12 years. It comprises 18 research and three core projects. For the core project Z01, we are looking for an enthusiastic and dedicated

**Bioinformatician (m/f/d)**

based in Erlangen to support project partners in the bioinformatics analysis of omics data.

**Your role**

Your tasks will include setting up and maintaining pipelines for sequencing data analyses (bulk and single-cell RNA-Seq, ATAC-Seq, ChIP-Seq) as well as closely interacting with CRC project partners to support post-processing analyses of omics data (e.g. functional enrichment, visualisation and interpretation of results, data integration with publicly available datasets, preparation of publication-ready figures).

**The ideal candidate**

The successful candidate will have a PhD in bioinformatics, bioengineering, computer science, or a related field (alternatively a Master's degree and at least 3 years of relevant professional experience).

Experience with transcriptomics, genomics or epigenomics data analysis, ideally with prior experience in single-cell data analysis, are required. Additionally, familiarity with working in a Linux/Unix environment, good programming skills (e.g. Python, Perl, R), and excellent communication skills in English are needed.

The ideal candidate will also be collaborative and comfortable working with diverse projects and datasets.

**Additional information**

The Friedrich-Alexander-Universität (FAU) Erlangen-Nürnberg was established in 1743 and is one of the biggest universities in Germany with more than 40,000 students (https://www.fau.de/). At an international level, FAU stands out as an innovative university founded on diversity with an outward-looking, international perspective. Erlangen is a family-friendly city located in northern Bavaria, former home of the Huguenots, a key location for Siemens and several other international companies.

The position is available for 4 years, with the possibility of extension. Salary will be according to German public service pay scale TVL E13. Starting date is the earliest possible time point.

**How to apply**

Applications should be sent to Dr. Fulvia Ferrazzi, Institute of Pathology, FAU Erlangen-Nürnberg (fulvia.ferrazzi@uk-erlangen.de) and Wencke Wallusch (wencke.wallusch@fau.de), and include a letter of interest, a CV (containing a list of publications, if applicable), a brief description of research experience, as well as contact information of two references.

Deadline for applications is 20th April 2021.