

**Job vacancy for engaged people with enthusiasm for Bioinformatics!**

TRON gGmbH – Translational Oncology at the Medical Center of the University Mainz – is a growing biopharmaceutical non-profit organization developing highly innovative technologies to address unmet medical needs in the field of cancer diagnostics and therapeutics. TRON is located in Mainz, Germany and is strongly connected to national and international collaborators from both academia and industry.

As part of our team, you will have the opportunity to collaborate with talented and dedicated colleagues, develop and expand your career and be on the cutting-edge of translational science to improve patients' lives.

TRON is expanding its multidisciplinary Unit with experience in biostatistics, genomics, bioinformatics, biotechnology, Next Generation Sequencing (NGS), immunology and molecular biology. To enlarge our technical knowledge and expertise and to focus on analysis and interpretation of high throughput profiling data including NGS data, we are searching for a

**Bioinformatics Scientist - NGS/Cancer Biology - (m/f)**

to become a member of our Computational Medicine development team.

**DUTIES AND RESPONSIBILITIES**

- Analysis and interpretation of high-throughput DNA and RNA sequencing data from TRONs high throughput profiling platforms, including Illumina HiSeq, MiSeq and Fluidigm platforms
- Design, implementation as well as application of analysis pipelines
- Close interaction with teams of genomics, molecular biology, immunology and clinical units
- Apply findings in both R&D and clinical projects for biomarkers and immunotherapies

**QUALIFICATION & EXPERIENCE**

- PhD with extensive experience in bioinformatics or related field
- Verifiable proficiency in analyzing with large cancer 'omic datasets', including as NGS
- Extensive experience with data analysis and interpretation tools (e.g., bwa, STAR, GATK, DAVID, GSEA)
- Experience in programming, preferably in R
- Excellent data visualization and communication skills
- Deep understanding of medical, therapeutic as well as biological cancer processes
- Self-starter who works effectively in an agile start-up environment
- Enthusiastic team player

We are looking forward in receiving your application.

Please send your application documents (max. 2 MB) by email to the attention of Sandra Nauth to [jobs@tron-mainz.de](mailto:jobs@tron-mainz.de), reference "WA CMB"

Please visit our homepage [www.tron-mainz.de](http://www.tron-mainz.de)