

**Job vacancy for engaged people with enthusiasm for biomedical research!**

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 Genomics Unit with exceptional experience in molecular biology, lab automation, Next Generation Sequencing (NGS) and immunology. To enlarge our technological knowledge and expertise, we are searching for a

**Single Cell Genomics Scientist (m/f)**

to become a member of our Single Cell Genomics development team.

**DUTIES AND RESPONSIBILITIES**

- Test and evaluation of new technologies/platforms/methods/protocols for Single Cell analyses (cell culture, single cell handling and sample preparation, next generation sequencing, bioinformatical data analysis) and the establishment of new technologies to deconvolute tumor heterogeneity
- Support the local development team of lab scientists, bioinformaticians and Ph.D. students with regards to the set-up of new platforms (e.g. 10xGenomics)
- Hands-on processing of samples in the lab and bioinformatical analysis of the resulting data
- Reporting and documentation of all duties and transfer new technologies into a quality controlled environment

**QUALIFICATION & EXPERIENCE**

- PhD in molecular biology, genomics, biotechnology or related field
- Minimum 2-3 years professional experience in the sector of Single Cell Genomics and Next Generation Sequencing technologies, especially with Illumina platforms (including Ph.D. thesis)
- Highly skilled in corresponding bioinformatical data analysis
- Deep understanding of NGS processes, from "sample in" to "data analysis out"
- Strong visual, verbal, and written communication skills
- Self-starter who works effectively in an agile start-up environment
- Enthusiastic team player who is thrilled to implement personalized medicine

Preferred experience

- Experience with platforms for Single Cell Analysis (e.g. 10x Genomics, Fluidigm C1, etc.)
- Experience in drafting SOPs and Assay Development Reports
- Experience in working with internal and external collaborators

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 SCG".

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