

**We are looking for committed people with enthusiasm for biomedical research!**

TRON is a non-university, biopharmaceutical research institute in the legal form of a non-profit organization. The company's aim is to develop highly innovative technologies to address medical needs in the fields of cancer diagnostics and therapeutics. TRON was founded in Mainz in 2010 and works in close cooperation with universities and clinics as well as with regional, national and international research institutions and companies in the pharmaceutical industry.

As part of our team, you have the opportunity to work with talented and dedicated colleagues, to develop and expand your professional experience, and to be at the cutting-edge of translational science to improve patient lives.

Our Single Cell Genomics Team contributes to the development of immunotherapeutic treatments against cancer and other diseases by studying immune and cancer cells to understand disease, resistance and immunomodulatory mechanisms.

To support our team as soon as possible we are looking for a

**Technical Assistant in NGS-based single cell RNA sequencing (m/f/d)**

**DUTIES & RESPONSIBILITIES**

- Preparation of single cell suspension for NGS-based single cell RNA sequencing using 10x Genomics platform
- Generation of single cell 3' or 5' cDNA libraries with optional TCR or feature barcode libraries
- Preparation of cDNA libraries for sequencing on the Illumina platforms (MiSeq or NovaSeq 6000)
- Supervision of automated laboratory processes and operation handling of lab robots (Chromium Connect)
- Performance of routine cell culture work including maintenance and expansion of mammalian cells and harvesting cells for experiments
- Analysis of cell suspensions by FACS and preparation for sorting
- Allocation on time of high-quality data as well as communication of them in the team

**QUALIFICATION & EXPERIENCE**

- Completed professional training as BTA/MTA, biological laboratory assistant, or a Bachelor (B.Sc.) Master (M.Sc.) degree in natural sciences
- Experience in molecular biology techniques (RNA extraction, PCR, NGS library preparation) is required
- Any first professional experiences would be desirable
- Any knowledge in handling of mammalian cells is expected
- Any experience in FACS analysis and sorting would be a plus
- Any familiarity in dealing with primary samples (patient material, animal model derived samples) would be of huge advantage

A strong sense of responsibility for own working practice as well as a high reliability are compulsory and makes your profile complete. Furthermore, in addition your knowledge of standardized processes and your documentation according to SOPs are expected, same as the creation and maintenance of QA documents.

If you are a self-starter who likes working in a dynamic start-up environment, moreover who is enthusiastic about the activities in a biopharmaceutical research institute and who is also thrilled by supporting single cell sequencing processes to drive the personalized medicine, you will enjoy your task, as well as working at TRON. If you do have additionally strong visual, verbal and written communication skills, and besides that, if you are an enthusiastic team player you should not wait any longer to apply for this position.

We are looking forward to receive your application.

Please send your application documents (cover letter, CV, certificates) by email in one single document of max. 5 MB to the Human Resources Team of TRON: [jobs \(at\) tron-mainz.de](mailto:jobs@tron-mainz.de), reference "TA SCG".

For further information, please visit our homepage [www.tron-mainz.de](http://www.tron-mainz.de), TRON gGmbH.

