

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 join our team as soon as possible we are looking for a

Bioinformatician Single Cell Analysis (m/f/d)

DUTIES & RESPONSIBILITIES

- Supporting the team with single cell data analysis of immune and cancer cells and the discovery of antigen specific T-cell receptors (TCRs)
- Implementing and developing innovative and cutting edge data analysis solutions
- Development of automatic analysis pipelines and databases
- Literature research and exploration of cutting edge analysis software for single cell analysis

QUALIFICATION & EXPERIENCE

- PhD degree or master's degree in bioinformatics, computational biology, computer science or related discipline
- Experience in NGS-based data analysis with a focus on single cell RNAseq (10x Genomics platform), database development and pipeline automation
- Knowledge and experience with widely used programming languages (R, Python etc.)
- Strong motivation and interest in the field of immunology, cancer immunotherapy treatment and cancer biology
- Experience in the application of machine learning is a plus
- Any experience in analysis of single cell ATAC-seq, spatial transcriptomics and the integration of different types of omics data would be of advantage

A self-motivated, collaborative and results-oriented work, as well as excellent team spirit and strong visual, verbal and written communication skills complete your profile. If you are in addition 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 exploring single cell datasets to drive personalized medicine, you will enjoy your task, as well as working at TRON. If you are besides that an enthusiastic team player you should not wait any longer to apply for this position.

We are looking forward to receive your application.

Please submit to us your application documents (cover letter, CV, certificates) in one single document of max. 5 MB by email to [jobs \(at\) tron-mainz.de](mailto:jobs@tron-mainz.de) to the attention of Sandra Nauth, reference "Bioinformatician SCG".

For further information, please visit our homepage www.tron-mainz.de, TRON gGmbH