

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.

To support our personalized cancer genomics team as soon as possible, we are looking for a

Bioinformatics software developer (m/f/d)

DUTIES & RESPONSIBILITIES

- Responsibility for software engineering of key parts of our personalized cancer vaccine (PCV) platform, optimizing and improving our code in terms of performance, quality, testing, installation, maintenance and documentation
- Support adapting our software to changing clinical requirements
- Responsibility of bringing our software to regulatory compliance standard
- Continuous monitoring of performance of our software in ongoing clinical trials
- Support clinical and academic releases of our software
- Assist establishing and maintaining a database for software testing, training and validation
- Support in programming projects within the team
- Develop expertise in cancer genomics, follow cutting-edge developments in the field and regularly benchmark our code against state-of-the-art tools. Apply numerous bioinformatic tools to NGS datasets from various sources.
- Support in publishing in scientific journals

QUALIFICATION & EXPERIENCE

- Master's degree in computer science, physics or a comparable subject with a strong background in software engineering and computation
- At least three years of experience in analysis of NGS datasets and in the use of bioinformatic tools
- Excellent command of programming languages such as Java, Python and ideally also MATLAB
- Strong software engineering expertise and familiarity with DevOps tools such as version control, unit testing, and continuous integration and deployment
- Expertise in high performance computing, clusters, and parallel computing
- Familiarity with regulatory clinical software standards is an advantage

With TRON, you will become a global leader in the development of a completely novel immunotherapy against cancer using personalized cancer vaccines.

If you are a self-starter who likes working in an international and dynamic start-up environment, enthusiastic about translational science and thrilled by supporting the implementation of personalized medicine, you will enjoy your task, as well as working at TRON. If you have additionally strong visual, verbal and written communication skills in English, and besides that, if you are an enthusiastic team player with good organizational skills, 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(at)tron-mainz.de) to the attention of Sandra Nauth, reference "Bioinformatics software developer".

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