TRON - Translationale Onkologie an der Universitätsmedizin Mainz

Job vacancy for dedicated 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.

TRON team of scientists has a proven publication track record in renowned journals and were also able to publish a set of novel findings in Nature Journal for 2 years in row (2016, 2015).

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 Bioinformatics Unit with exceptional experience in next generation sequencing data analysis and software development. To enlarge our technological knowledge and expertise, we are searching for a

Bioinformatics Developer (m/f)

to become a member of our development team.

DUTIES AND RESPONSIBILITIES

- Development of novel NGS data analysis tools for personalized medicine
- Independent work on our existing code base for world class tumor immunotherapies
- Continuous development and implementation of improvements and innovations for our software products
- Cooperation with a multi-disciplinary team of technicians and scientists to plan, design and run experiments and to demonstrate the validity and performance of the software
- Support of the use of the software in clinical studies

QUALIFICATION & EXPERIENCE

- PhD with extensive experience in bioinformatics, computer science or related field
- Demonstrable proficiency in analyzing large cancer 'omic datasets, including NGS
- Excellent knowledge of existing NGS data analysis tools, both in academic and industry area
- Profound programming experience in Python, preferably also in a couple of other programming languages
- Excellent data visualization and communication skills
- Deep understanding of cancer biology and immunology is a plus
- Self-starter who works effectively in an agile start-up environment
- Enthusiastic team player
- Experience in development of software for use in GxP regulated areas is an advantage

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, reference "'WA CMBD"

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