

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 pharma.

TRON has a proven track record in renowned journals and published its findings in Nature for the last three years running ([2017](#), [2016](#), [2015](#)).

As a 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 Computational Medicine Unit with exceptional experience in next generation sequencing data analysis and immuno-informatics. To enlarge our technological knowledge and expertise, we are searching for a

PhD Student “neo epitope prediction” (m/f)

to join our Computational Medicine development team.

DUTIES AND RESPONSIBILITIES

- Development of novel tools for computational neo-epitope discovery
- Perform independent research to improve our understanding of MHC-peptide-TCR interaction
- Establish properties which distinguish immunogenic epitopes from non-immunogenic ones
- Design and test new prediction models
- Integrate data from multiple 'omics sources
- Tightly interact with immunology and (pre-)clinical teams

QUALIFICATION & EXPERIENCE

- Master-level education with extensive experience in bioinformatics, computer science or related field
- Deep understanding of cancer biology and immunology is a plus
- Self-starter who works effectively in an agile start-up environment
- Enthusiastic team player

**We are pleased to offer to you the opportunity to participate in our PhD program.
For further information for that purpose please see our homepage.**

We look forward to receiving your application.

Please send your application documents (max. 2 MB) by email to the attention of Sandra Nauth to [jobs \(at\) tron-mainz.de](mailto:jobs(at)tron-mainz.de), reference “PhD NEP”.

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