

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 Cancer Immunotherapy Unit with exceptional experience in the field of reprogramming immune cell populations with mRNA-based nanoparticulate systems for cancer immunotherapy. To enlarge our technological knowledge and expertise, we are searching for a

PhD Student "cancer immunotherapy" (m/f)

to join our Cancer Immunotherapy development team.

YOUR RESEARCH ACTIVITY WILL INCLUDE

- Establishment of *in vitro* and *in vivo* assays to screen and characterize various nanoparticles for uptake/translation of mRNA by immune cell populations
- Establishment of preclinical models of cancer for functional testing as well as mode of action of selected nanoparticles
- Participation in the TRON international PhD program

QUALIFICATION & EXPERIENCE

- Master degree in Molecular Biosciences, Biomedicine, or similar
- Fluent English skills
- Strong verbal, written as well as visual communication skills
- Self-starter who works effectively in an agile start-up environment
- Enthusiastic team player who is thrilled to work in challenging translational research

Preferred experience

- Experience in cell culture
- Experience in basic & molecular immunology and immunotherapy
- Profound knowledge in T cell immunology
- Experience in murine preclinical models of cancer
- FELASA B certificate would be a plus

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 CanImm".

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