

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 Vaccine Development Unit with exceptional experience in vaccine research utilizing *in vitro* and *in vivo* methods. To support our expertise and drive a research project, we are searching for a

PhD student (m/f)

for the improvement of cancer vaccines to enable efficient and prolonged cancer cell killing.

This PhD project aims to improve the currently established cancer vaccine platform in order to maximize the expansion of antigen specific T cells and modulate their functional capacity in a beneficial manner.

RESPONSIBILITIES & BENEFITS

- *in vitro* and *in vivo* assays to characterize the vaccine induced T cells qualitatively and quantitatively
- Analysis of tumor microenvironment in preclinical models to study effects of vaccine induced T cells
- Combinatorial approaches to modulate T cell expansion and antitumoral immunity
- Strong interactive immunology team reaching out to all other units at TRON
- 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 murine cancer models
- Experience in T cell immunology

We look forward to receiving your application.

Please send your motivation letter and your CV (max. 2 MB) to the attention of Sandra Nauth to jobs@tron-mainz.de, reference "cancer vaccine".

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