



RESEARCH ASSOCIATE (m/f/d)

Full time - Mainz

We are looking for support in our **Vaccine and Cellular Immunotherapy** unit to start as soon as possible. The successful candidate will work with preclinical human and mouse tumor models to develop innovative cancer immunotherapies.

Our research interests includes the characterization of tumor-infiltrating immune cell as well as tumor cells during therapy, involving cancer mRNA vaccines and other cancer therapies. Our multidisciplinary team is responsible for a large variety of different projects within TRON and with external collaborators. Methodologically, we primarily search for an expert in flow cytometry to characterize cancer and immune cells within the tumor microenvironment with additional extensive in vitro analysis such as examinations of the cell cytotoxicity activity.

Your tasks and responsibilities:

- Designing and testing of flow cytometry antibody panels for phenotyping immune cells
- Planning, conducting and analyzing co-culture cytotoxicity and immunological in vitro assays based on multicolor and spectral flow cytometry.
- Planning, conducting and analyze pre-clinical experiments in the field of cancer immunotherapy (u.a. ELISpot, T cell killing assays)
- Establishment and standardization of new methods
- Writing standard operating procedures (DE & EN), preparation of experimental reports
- Pro-active contribution to tasks in the field of general laboratory organization

What you bring:

- A completed master degree in life sciences or training as technician or several years of experience as technical assistant in the field of immunology or cell biology (or equivalent)
- Experience in performing in vitro assays based on multicolor flow cytometry techniques of co-culture cells, primary tissues and in vitro immunological methods (e.g. Intracellular Cytokine staining ADCP, ADCC, ELISpot, etc.) are requested. Experience in spectral flow cytometry is a plus.
- Any practical experience in conducting in vitro experiments using cell culture and primary cells isolated from organs
- Strong verbal and written communication skills in both German and English language
- Well-structured and organized working methods, reporting and excellent time management

Enthusiasm and curiosity for the diverse activities of our research institute as well as the ability to work in a team completes your profile.

We offer:

- A dynamic, innovative and creative research environment
- An open, collegial and cordial working atmosphere in a respectful corporate culture
- A high degree of diversity in the workforce
- Flat hierarchies
- Performance-related remuneration and other benefits
- The opportunity for personalised further training
- Good transport connections by public transport and car as well as bicycle parking spaces
- The opportunity for hybrid working

TRON is an internationally recognised institute for application-oriented research. We combine the strengths of academic research with the requirements of quality-controlled industrial developments. At TRON, we share a common mission to develop innovative solutions for the immunotherapeutic treatment of cancer, infectious diseases and other serious diseases with high medicinal need for development.

TRON was founded in Mainz in 2010 and works in close cooperation with universities and hospitals as well as with regional, national and international research institutions and pharmaceutical companies.

As part of our team, you have the opportunity to be at the forefront of translational science with us.

If all this appeals to you, we look forward to getting to know you.

Please send us your complete and informative application documents (cover letter, CV, references) in a single document of max. 5 MB by e-mail to Human Resources at **jobs (at) tron-mainz.de**, Job-ID: 52009-24-01-TA.

For more information, visit our homepage at www.tron-mainz.de