



*RESEARCH ASSOCIATE (m/f/d)  
with a master's degree*

*Full Time - Mainz*

We are looking for immediate support in our **Vaccine and Cellular Immunotherapy** team, who works with preclinical human and mouse tumor models to develop innovative cancer immunotherapies and to elucidate their mechanism of action.

Our research interests range from antibody-based therapies to RNA-based vaccines and immunomodulators for translational therapies. A multidisciplinary team within TRON and with external cooperation partners carries out a variety of different projects. Methodologically, we focus primarily on tumour models, supplemented by immunogenicity tests and extensive ex vivo analyses such as investigations of the tumour microenvironment, ELISpot or cytotoxicity assays.

**Your tasks and responsibilities:**

- Planning, coordinating of in vitro preclinical experiments including documentation according to official & internal guidelines
- Planning and conducting immunological in vitro assays based on multicolor flow cytometry and ELISpot
- Implementing and establishment of new methods (e.g. Fluo-ELISpot)
- Organizing and maintaining the laboratory infrastructures for cancer immunotherapy applications (e.g. monoclonal antibodies, chemotherapeutic reagents, RNA based vaccines etc.)
- Writing of standard operating procedures (SOPs)
- Pro-active contribution to tasks of general laboratory organization

**What you bring:**

- Master degree in life sciences and/or several years of experience as technical assistant in cell biology or immunology laboratory
- Practical experience in conducting in vitro experiments using cell culture and primary cells isolated from organs
- Experience in performing in vitro assays based on multicolor flow cytometry techniques, immunological methods such as ELISA and ELISpot as well as immunological background are a plus
- Strong visual, verbal and written communication skills in German are mandatory, while in English are a plus
- Well-structured and organized working methods and an excellent time management

A high interest in coordinating and maintaining organized laboratory activities in an international interdisciplinary research team complements your profile.

**We offer:**

- A dynamic, innovative and creative research environment
- An open, collegial and warm working atmosphere in a respectful corporate culture
- A pronounced diversity in the workforce
- Flat hierarchies
- Performance-related remuneration and other benefits
- The opportunity for individual further training
- An excellent transport connections by public transport and car, parking spaces, secure bicycle parking
- The opportunity for hybrid working

TRON is an internationally recognised institute for translational 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-unmet medical needs.

TRON 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 meaningful 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: 52009-23-01-WAMSC.

For more information, visit our homepage at [www.tron-mainz.de](http://www.tron-mainz.de)