



(SENIOR) RESEARCH ASSOCIATE (m/f/d)

Full time - Mainz

We are seeking an experienced **(Senior) Research Associate** to join our **Immunomodulation Unit** in the **Department of Immunotherapy**. In this role, you will work with both **preclinical mouse models** and **human samples**, contributing to the development of innovative immunotherapies such as antibody-based therapies, RNA-based vaccines, and combination therapies targeting cancer and other diseases.

Your tasks and responsibilities:

- Planning, execution, and analysis of experiments with samples from preclinical mouse models and human samples, focusing on advancing innovative cancer immunotherapies
- Implementing **spectral flow cytometry** approaches, including panel design, instrument setup and data analysis, in collaboration with experienced scientists
- Conducting **immunological assays** such as ELISA and ELISpot
- Establishment and standardization of new methods
- Writing and updating standard operating procedures (SOPs)
- Documenting experimental results in compliance with official and internal guidelines
- Supporting the overall lab organization and contributing to team objectives

What you bring:

- A completed university degree (bachelor's/master's) in life sciences or a related field
- Extensive hands-on experience with multicolor flow cytometry (14+ parameters) is essential (with expertise in spectral flow cytometry being highly desirable)
- A deep understanding of basic immunology, ideally combined with knowledge of cancer immunotherapy and vaccinology
- Expertise in immunological techniques such as ELISA and ELISpot
- Experience handling both mouse and human samples is desirable
- Experience with SCENITH assays or phospho-flow cytometry would be considered a plus
- FELASA Cat. A, B, D training or similar qualification and practical experience in conducting animal experiments would be considered a plus
- Excellent command of English, both spoken and written (proficiency in German is a plus)
- Enthusiasm for applied, translational research in a dynamic, interdisciplinary environment

Your enthusiasm and curiosity for the diverse activities of our research institute, along with your ability to work effectively in a team, will complete your profile.

We offer:

- A dynamic, innovative and creative research environment focused on cutting-edge immunotherapy development
- A collaborative and respectful corporate culture with flat hierarchies
- A diverse workforce and inclusive work environment
- Performance-related remuneration and additional benefits
- Opportunities for personalized training and professional development
- Good transport connections by public transport and car as well as bicycle parking spaces
- Flexibility through hybrid working options

If you are passionate about advancing immunotherapy research and bring the required expertise, we look forward to your application!

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.

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

As part of our team, you will have the opportunity to be at the forefront of translational science. 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: 52013-24-03-TA.

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