TRON

Technical Assistance/
Research Associate (m/f/d)

Full time - Mainz

We are looking for support in our **Tumor Biology and Vaccines** unit to start as soon as possible. The successful candidate will work with preclinical mouse tumor models to test innovative cancer immunotherapies.

Our research interests include 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 focus on mouse cancer models and the immune cells within the tumor microenvironment, with additional extensive in vitro analysis via flow cytometry or microscopy.

Your tasks and responsibilities:

- Exploring and improving state of the art and innovative immunotherapies in the field of cancer immunotherapy (e.g. adoptive cell transfer, monoclonal antibody treatment, RNA lipoplex-based vaccination) following intravital microscopy analysis.
- Planning, execution and analysis of preclinical mouse experiments including documentation according to official & internal guidelines.
- Processing of mouse tissues for in vitro analysis (e.g. immunofluorescence).
- Writing of standard operating procedures (SOPs).
- Contribution to tasks of general lab organization.

What you bring:

- Completed apprenticeship as technical assistant, bachelor's or master's degree in life sciences
- FELASA function A (former FELASA category B) or similar qualification.
- Practical experience in conducting animal experiments is a must, including the capability to perform standard techniques. Experience in rodent surgery techniques is a plus.
- Experience in fluorescence microscopy or intravital imaging is a plus.
- Basic experience in cell culture and in vitro assays is an advantage.
- Oral and written communication skills in German and English.
- Ability to work independently and in synergy with working routines in a large and international team.

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 will have the opportunity to work at the cutting edge 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: **43502-25-01-TA.**

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