

Cardiovascular Scientist (m/f/d)

Full time - Mainz



We are seeking an **experimental scientist** with strong expertise in **preclinical cardiovascular research** to support the development of novel therapeutic approaches for cardiovascular diseases. The position is based at TRON in the Department of Cardiovascular Therapeutics.

Your tasks and responsibilities:

You will plan, perform, and analyze preclinical studies evaluating novel RNA-based therapeutics and nanoparticle formulations for cardiovascular diseases. Your work will combine in vitro studies with relevant in vivo disease models, particularly atherosclerosis and myocardial infarction. You will contribute to the characterization of therapeutic efficacy and mechanisms of action and work closely with other scientists in a highly collaborative and translational research environment of TRON and curATime (Cluster for Atherothrombosis and Individualized Medicine), a Clusters4Future initiative funded by the German Federal Ministry of Research, Technology and Space (BMFTR).

What you bring:

You hold a PhD in cardiovascular biology, molecular biology, biomedical sciences, or a related field and have strong hands-on experience with animal experimentation, which is essential for this position. Experience with mouse models of atherosclerosis and/or myocardial infarction is strongly preferred. Expertise in complementary methods such as cell culture, flow cytometry, histology, microscopy, or molecular biology is advantageous. We are looking for a scientist who works independently and precisely, enjoys collaborative research, and has a strong interest in translating novel therapeutic concepts toward preclinical application. Excellent written and verbal communication skills are required.

We offer:

- A dynamic, innovative and collaborative research environment
- A diverse and international team
- Performance-related remuneration and additional benefits
- Opportunities for personalised training and development
- A subsidized public transport ticket (Deutschlandticket)
- Bike leasing (Businessbike)
- Wellbeing benefit
- Hybrid working options

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 and cardiovascular diseases and other serious diseases with high medicinal need.

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: **43602-26-01-SCI**

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