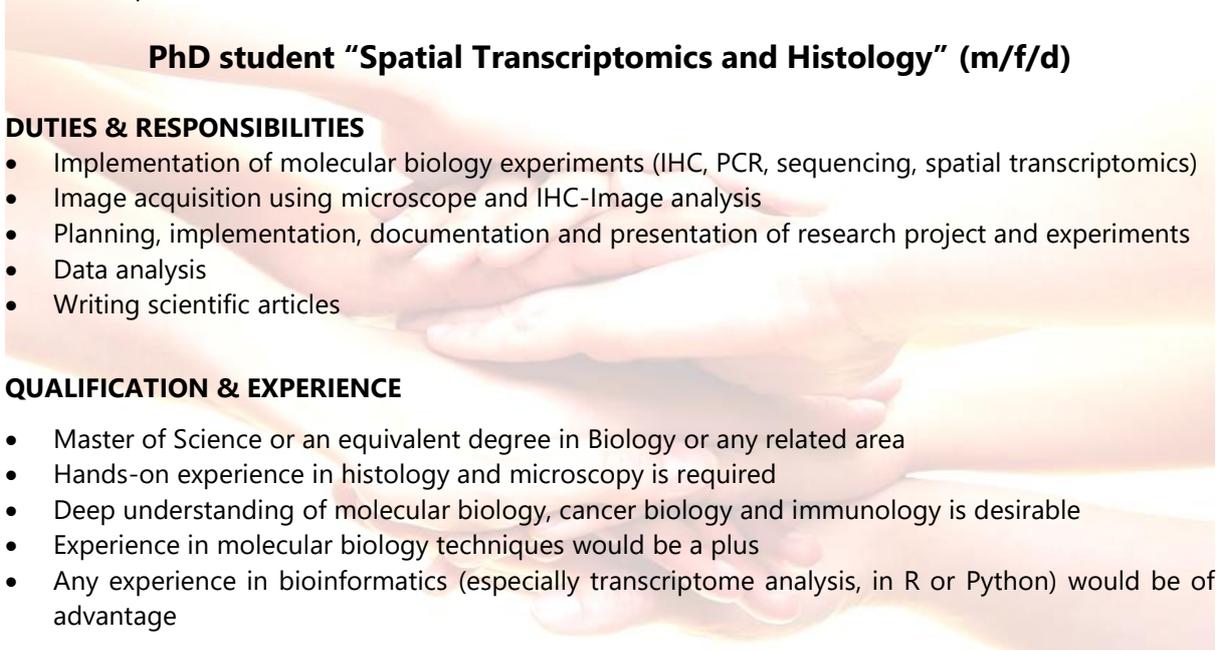

We are looking for committed people with enthusiasm for biomedical research!

TRON is a non-university, biopharmaceutical research institute in the legal form of a non-profit organization. The company's aim is to develop highly innovative technologies to address medical needs in the fields of cancer diagnostics and therapeutics. TRON was founded in Mainz in 2010 and works in close cooperation with universities and clinics as well as with regional, national and international research institutions and companies in the pharmaceutical industry.

As part of our team, you have the opportunity to work with talented and dedicated colleagues, to develop and expand your professional experience, and to be at the cutting-edge of translational science to improve patient lives.

The project addresses the identification of spatial expression patterns predictive of immune checkpoint therapy response, by applying the highly innovative spatial transcriptomic sequencing technology. A specific focus will lie on the identification and validation of novel players in the tumor microenvironment affecting the response to therapy.

To join our Joint Immunopathology Team as soon as possible and to tackle this project, we are looking as soon as possible for a

**PhD student "Spatial Transcriptomics and Histology" (m/f/d)****DUTIES & RESPONSIBILITIES**

- Implementation of molecular biology experiments (IHC, PCR, sequencing, spatial transcriptomics)
- Image acquisition using microscope and IHC-Image analysis
- Planning, implementation, documentation and presentation of research project and experiments
- Data analysis
- Writing scientific articles

QUALIFICATION & EXPERIENCE

- Master of Science or an equivalent degree in Biology or any related area
- Hands-on experience in histology and microscopy is required
- Deep understanding of molecular biology, cancer biology and immunology is desirable
- Experience in molecular biology techniques would be a plus
- Any experience in bioinformatics (especially transcriptome analysis, in R or Python) would be of advantage

A strong commitment to research and development completes your profile. If you are in addition a self-starter who likes working in a dynamic start-up environment, moreover who is enthusiastic about the activities in a biopharmaceutical research institute and who is also thrilled by supporting the implementation of personalized medicine, you will enjoy your project, as well as working at TRON. If you do have additionally strong visual, verbal and written communication skills especially in English, and besides that, if you are an enthusiastic team player you should not wait any longer to apply for this position.

We are looking forward to receive your application.

Please send your application documents (cover letter, CV, certificates) by email in one single document of max. 5 MB to Human Resources team at TRON: [jobs \(at\) tron-mainz.de](mailto:jobs@tron-mainz.de), reference "PhD JointImmunPatho".

For further information, please visit our homepage www.tron-mainz.de, TRON gGmbH.