The German Cancer Research Center is the largest biomedical research institution in Germany. With approximately 3,000 employees, we operate an extensive scientific program in the field of cancer research.

The Helmholtz Institute for Translational Oncology Mainz (HI-TRON Mainz) is seeking a

Postdoc in TCR Discovery and Characterization
(Ref-No. 2019-0193)

The new Helmholtz Institute HI-TRON is a collaboration of the German Cancer Research Center (DKFZ) in Heidelberg and the Research Institute for Translational Oncology (TRON gGmbH) at the University Medical Center of the Johannes Gutenberg University in Mainz. The goal of the partnership is to develop effective immunotherapies and to identify novel biomarkers for assessing the effectiveness of treatment.

We want to expand our team in Mainz with a highly motivated and ambitious scientist in the field of T cell immunotherapy.

Description:
- Scientific management of seminal studies to identify neoantigen-specific T cell receptors
- Establishment of innovative and highly sensitive technologies for the isolation and characterization of antigen-reactive T cells
- Coordination of patient sample processing and support of lab organization
- Responsibility for a project team of 4-6 employees
- Development and optimization of robust immunological assays
- Prepare project-relevant documents (SOPs, study and deliverable reports)

Your profile:
- Master and Ph.D degree with 3+ years of experience in the field of T cell immunology and immunotherapy
- Very strong background in flow cytometry, cell sorting and immune cell isolation
- Strong background and hands-on laboratory experience in common immunological T cell assays
- Experience with the isolation, expansion and characterization of tumor infiltrating lymphocytes (TILs)
- Experience in the use of robotics and automation is a plus
- Very structured, precise and independent working attitude
- Analytical way of thinking and good problem solving skills
- Excellent written and oral skills in English
- Enthusiastic team player with very good communication skills

The position is limited to 2 years with the possibility of prolongation. The position can in principle be part-time.

For further information please contact Dr. Stefanie Höger, phone +49 6221 42-1661.