The Division of Personalized Medical Oncology (Director: Prof. Dr. Dr. Sonja Loges) focuses on the identification of novel cancer-promoting mechanisms in the tumor microenvironment. Based on these functional insights we aim to derive novel targets for therapeutic intervention. Translation of research findings into the clinic will be possible at the newly founded „DKFZ-Hector Cancer Institute at the University Hospital Mannheim“, which is also directed by Prof. Sonja Loges and generously funded by the Hector Foundation II.

Job description:
Together with the Division of Applied Bioinformatics (Director: Prof. Dr. Benedikt Brors) we are looking for an enthusiastic individual to develop methods for integrative analysis of multilevel data on tumors, including whole-genome and/or whole-exome sequences of tumor and germline genomes, single-cell and spatial transcriptomics data, methylomes and corresponding clinical data. The position is placed in a dynamic and multinational, multidisciplinary team which works closely with national as well as international collaboration partners in academics as well as pharmaceutical companies. The workplace is located in Heidelberg.

Requirements:
The applicant should hold at least a master's degree in bioinformatics, computational biology or related fields, or a degree in biological sciences with demonstrated experience in computational biology / bioinformatics.

Previous experience in developing and applying computational methods applied to large datasets is expected. We especially seek candidates with prior experience in the analysis and the management of NGS data in the field of cancer biology.

Proficiency with relevant scripting languages and statistical data analysis tools such as Python and R (or equivalent) is required. Single-cell experience is a plus.

The ideal applicant should have demonstrated the ability to work independently and creatively. You should have excellent communications skills and be able to articulate clearly the scientific and technical needs, set clear goals and work within an interdisciplinary setting, communicating with other partners.

Full applications should include a curriculum vitae including any potential publications, a letter of motivation, certificates, expected availability date, and 2-3 references.
The DKFZ is committed to increase the proportion of women in all areas and positions in which women are underrepresented. Qualified female applicants are therefore particularly encouraged to apply.

Among candidates of equal aptitude and qualifications, a person with disabilities will be given preference.

To apply for a position please use our online application portal (https://www.dkfz.de/de/stellenangebote/index.php).

We ask for your understanding that we cannot return application documents that are sent to us by post (Deutsches Krebsforschungszentrum, Personalabteilung, Im Neuenheimer Feld 280, 69120 Heidelberg) and that we do not accept applications submitted via email. We apologize for any inconvenience this may cause.

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

**Contact:**
Dr. Melanie Janning, phone +49 (0)621/383-1757

Please note that we do not accept applications submitted via email.

**Application deadline:**
17.04.2021