The German Cancer Research Center (DKFZ) is seeking for the partner site Freiburg of the German Cancer Consortium (DKTK) a

Postdoctoral Researcher in Tumor Immunology

(Kennziffer 2021-0057)

Job description:
The Research Group “Oncoimmunology” belongs to the Department of General and Visceral Surgery and is led by PD Dr. Rebecca Kesselring. Our research group addresses fundamental questions about the modulation of immune responses in the tumor microenvironment of visceral cancer. We focus on the impact of immune cells on the progression of colorectal cancer both in basic and translational research. Another key goal is to identify the impact of intestinal microbiota on pathogenesis of visceral cancer and promote their metastasis. We utilise multi-disciplinary approaches to answer these key questions including immunology, oncology (in vitro model-organoid systems, ex vivo tissue culture), microbiology, next generation sequencing (16S seq, RNA seq, single cell sequencing), bioinformatics tools, in vivo models (germ-free and disease models) and human studies.

We offer an interesting, versatile workplace and an international, attractive working environment in an interdisciplinary team together with basic scientists, medical doctors and bioinfomaticians. There are multiple opportunities for continuing education and the development of an independent research career on a campus with modern state-of-the-art infrastructure.

Your profile:
- PhD in immunology, oncology or computational biology
- Basic research experience in immunology, oncology and/or bioinformatics
- Work independently and open in adapting and developing novel technologies and methodologies
- Knowledge in single-cell sequencing and bioinformatical analyses and proficiency in R
- Motivation, strong interest and substantial knowledge in tumor immunology and bioinformatics
- Collaborative skills are fundamental prerequisites
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 initially limited to 2 years with the possibility of prolongation.
The position can in principle be part-time.

**Contact:**
If you have any questions regarding the application process, please contact Dr. Anja Hernández, phone +49 (0)761/270-22810.

If you have any questions regarding the content of the position, please contact PD Dr. Rebecca Kesselring, phone +49 (0)761-270 77573; email: rebecca.kesselring@uniklinik-freiburg.de.

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

**Application deadline:**
25.03.2021