

The German Cancer Research Center (DKFZ) is seeking for the partner site Dresden of the National Center for Tumor Diseases (NCT) a

Postdoc in Tumor Immunology

(Ref.-No. 2020-0339)

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.

Job description:

The ability of neoplastic cells to attenuate the immune system and achieve immune resistance is a key step in tumorigenesis. Our research strives for the identification of new strategies for modulating immune resistance in cancer cells and translation of these results into innovative immunotherapies. We are specifically interested in the genetic repertoire required for the expression and maintenance of immune checkpoint proteins mediating resistance to CD8+ T lymphocytes. A successful candidate will apply methods of reverse genetics such as CRISPR/Cas9-based genome editing and RNA interference in human cancer cells to dissect the function and the regulation of immune checkpoint proteins utilizing loss-of-function screening. Some parts of the open project will be based on our recent publication on the regulation of the immune checkpoint protein PD-L1 (Sreevalsan et al., EMBO Reports, 2020, e50155).

Your profile:

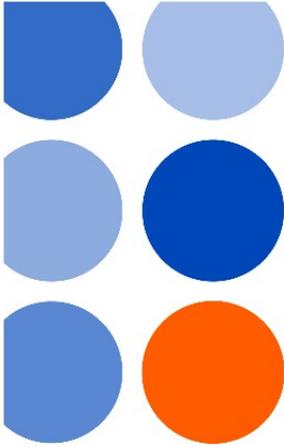
We are looking for a dedicated and reliable scientist holding a PhD in molecular or cell biology with practical experience in tumor biology and immunology. Candidates with experiences in handling cytotoxic T lymphocytes and loss-of-function screening will be preferred. Experience in writing scientific publications and grants is of value. Successful candidates will be working in an international environment and proficiency in written and oral English is required.

Full applications should include a curriculum vitae, a cover letter (please state your research interest and your expected availability date), a PhD thesis overview, certificates and recommendation letters.

Contract period:

The position is limited until 31.12.2022.

The position can in principle be part-time.



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Contact:

Beatrice Neumann, phone +49 351/458-3372

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

Application deadline:

31.01.2021

