

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

# PhD Student in the field of Tumor Immunology

(Kennziffer 2024-0162)

The National Center for Tumor Diseases (NCT) is a long-term cooperation between the DKFZ, excellent partners in university medicine and other research institutions at six locations in Germany. The goal of the NCT is to bring promising results from cancer research into clinical application quickly and safely. This approach is intended to provide cancer patients with nationwide access to innovative treatment options.

One of the six NCT sites is the NCT Dresden (NCT/UCC), which is a collaboration between the DKFZ, the University Hospital Carl Gustav Carus Dresden (UCC), the Carl Gustav Carus Medical Faculty of the TU Dresden and the Helmholtz Center Dresden-Rossendorf (HZDR).

At the NCT Dresden we are looking for a PhD student to join the research group of Prof. Dr. med. Lena Seifert and PD Dr. med. Adrian Seifert which is located in the Surgical Research Laboratory at the University Hospital Dresden. We invite highly motivated PhD students who are interested in working in the field of tumor immunology in different gastrointestinal tumors to apply for this position.

## Your tasks:

Our lab is interested in numerous aspects of the biology and immunologic interactions in the tumor microenvironment that influence epithelial mutagenesis in murine and human pancreatic ductal adenocarcinoma and gastric cancer. We analyze the role of different immune cell subsets in tumor initiation and tumor growth in the mouse and human system. Ultimately, the results should be transferred into the clinic.

We use state-of-the-art technologies such as genetically modified mouse models and human tissue. The topic of this PhD position is to analyze our results of specific phenotypic and functional analysis of immune cells in pancreatic ductal adenocarcinoma in more detail and to support the transfer of these results into a clinical trial.

Further background can be found on the laboratory's homepage:

<https://www.uniklinikum-dresden.de/de/das-klinikum/kliniken-polikliniken-institute/vtg/forschung/Forschungslabor/ag-seifert>

## Your profile:

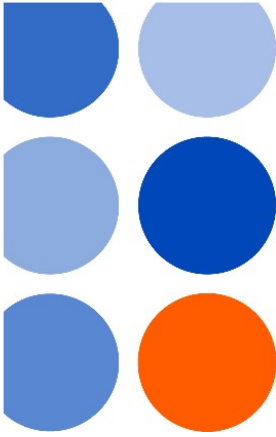
- Diploma thesis or master's degree in biology, biochemistry, molecular medicine or related fields

*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.*



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- Previous experience with basic biochemical and immunological techniques is essential
- High motivation and strong interest in tumor immunology
- Excellent English language skills
- Enthusiasm for working in an ambitious, multi-disciplinary research group

Please include a letter of motivation, CV, certificates and recommendation letters in your application.

#### **We offer:**

- Excellent framework conditions: state-of-the-art equipment and opportunities for international networking at the highest level
- Access to international research networks
- Doctoral salary with the usual social benefits
- 30 days of vacation per year
- Flexible working hours
- Possibility of mobile work and part-time work
- Family-friendly working environment, e.g. parent-child room, advisory services
- Sustainable travel to work: subsidized Germany job ticket
- Unleash your full potential: targeted training and mentoring through the DKFZ International PhD Program and DKFZ Career Service
- Our Corporate Health Management Program offers a holistic range of services for your well-being

#### **Contract period:**

The position is initially limited to 3 years.

#### **Important notice:**

The DKFZ is subject to the regulations of the Infection Protection Act (IfSG). As a consequence, only persons who present proof of immunity against measles may work at the DKFZ.

#### **Contact:**

Beatrice Neumann, Telefon +49 351/458-13372

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

#### **Application deadline:**

16.07.2024

