



NATIONALES CENTRUM FÜR
TUMORERKRANKUNGEN DRESDEN
UNIVERSITÄTS KREBSCENTRUM UCC

getragen von:
Deutsches Krebsforschungszentrum
Universitätsklinikum Carl Gustav Carus Dresden
Medizinische Fakultät Carl Gustav Carus, TU Dresden
Helmholtz-Zentrum Dresden-Rossendorf

dkfz. DEUTSCHES
KREBSFORSCHUNGSZENTRUM
IN DER HELMHOLTZ-GEMEINSCHAFT

Forschen für ein Leben ohne Krebs

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

Scientific Coordinator

(Kennziffer 2022-0272)

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.

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

The National Center of Tumor Diseases (NCT) Dresden is a joint institution of the German Cancer Research Center, the University Hospital Carl Gustav Carus Dresden, the Faculty of Medicine at TU Dresden, and the Helmholtz-Zentrum Dresden-Rossendorf (HZDR). The NCT with sites in Heidelberg and Dresden is the leading oncological center in Germany and is being further expanded to an international center of excellence regarding point-of-care and individualized cancer medicine.

The PMU is the central platform for the systematic establishment and characterization of patient-derived tumor models at the NCT Dresden site. An essential task is the cross-entity generation of personalized tumor models of cancer patients undergoing surgery at university hospital Dresden, the molecular characterization of these models and the testing of their sensitivity to therapeutics. These extensively characterized personalized tumor models are then made available for basic science and translational questions by interested research groups on campus.

Job description:

You will be responsible for coordinating the central workflow for generating patient-derived tumor models at the site, managing PMU collaborations, and developing new protocols. Independent development and processing of innovative new scientific projects in the context of the PMU is strongly encouraged.

In addition, your responsibilities include:

- Elaborating and coordinating the implementation and further development of protocols for model development and model characterization
- Providing guidance to the PMU's technical and study assistants
- Implementation of established protocols for the production of patient-derived tumor models in vitro and in vivo
- Development and advancement of new protocols for primary cell cultivation
- Quality assurance and expansion of generated patient-derived tumor models
- Cellular and molecular characterization of tumor models
- Data evaluation and interpretation
- Handling of correspondence and inquiries from internal and external cooperation partners
- Publication of research results
- Regular reporting of PMU activities to the heads of the unit and the NCT directorate



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Your profile:

- University degree with above-average success preferably in life sciences; PhD desired
- Profound experience in cell biological work (especially primary cell culture); knowledge in organoid culture is desirable
- Proficiency in standard molecular biology methods (DNA, RNA and protein purification, PCR methods, western blot, etc.)
- Knowledge in bioinformatics data analysis is an advantage
- Distinctly structured and strategy-oriented way of working
- Reliable, efficient and independent working style
- Confident verbal and written communication skills
- Very good knowledge of English, both written and spoken
- Very good knowledge of German is an advantage
- Friendly and self-confident appearance, a communicative, open personality
- High degree of flexibility and commitment
- Organizational skills, quick comprehension and analytical thinking skills

Contract period:

The position is initially limited to 2 years.

The position can in principle be part-time.

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 as well as against COVID-19 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:

11.09.2022

