



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

Scientist in Molecular Cell Biology and Genetics

(Kennziffer 2023-0335)

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 National Center for Tumor Diseases (NCT) is a long-term cooperation between the German Cancer Research Center (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).

For the research group "Genetic Tumor Risk Syndromes" at the NCT site in Dresden, the German Cancer Research Center is seeking a scientist for translational research of pathomechanisms for individuals and families with genetic tumor risk syndromes.

The group is led by Dr. med. Arne Jahn and Prof. Dr. med. Evelin Schröck and offers excellent opportunities for translational tumor research at an internationally recognized research site.

Your tasks:

- Genetic and molecular biology work including genome editing in cell models with functional analysis of genetic variants (e.g. saturation mutagenesis, CRISPR/Cas9, FACS, cloning, cell culture methods, protein biochemistry)
- Handling of different patient-derived samples and validations on DNA, RNA as well as protein level
- Application of software tools, development of own workflows for the analysis of next-generation sequencing data, use of complex databases
- Initialization and coordination of own projects, participation in group projects and collaborative projects
- Presentation of data at scientific conferences and preparation of manuscripts for publication in scientific journals
- Active participation in the acquisition of third-party funds
- Support in the supervision of final theses (Dr. med., M.Sc., B.Sc.)

Your profile:

- Completed scientific university studies in biology, biochemistry, systems biology or a similar subject
- Doctoral degree desirable



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- Good knowledge in the field of molecular biology and desirable in the field of oncology and tumor genetics
- Basic knowledge of programming (e.g. R, Python or Bash) and practical experience in the analysis of next-generation sequencing data is desired
- Experience in the conception, execution and publication of projects
- Strong interest in interdisciplinary, clinically relevant research
- Good social and communication skills for collaborations within the interdisciplinary team and other teams (clinicians, biologists and bioinformaticians)
- High motivation, flexibility as well as innovative and creative thinking
- Very good knowledge of English, both written and spoken

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 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:

28.09.2023

