



**TECHNISCHE
UNIVERSITÄT
DRESDEN**

dkfz.

**GERMAN
CANCER RESEARCH CENTER
IN THE HELMHOLTZ ASSOCIATION**

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Research for a Life without Cancer

The German Cancer Research Center (DKFZ) and the Medical Faculty of the Technische Universität of Dresden (TUD) announce a joint appointment at the newly established DKFZ branch in Dresden for the

Full Professorship (W3) for „Smart Technologies for Tumor Therapy“

(Ref.-No. 2021-0038)

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 cancer research center in Europe. With more than 3,000 employees, we run a comprehensive scientific program in the field of basic biomedical research and the prevention, diagnosis and therapy of cancer. In Dresden, together with the University of Excellence TU Dresden and its Faculty of Medicine, we maintain a site of the National Center for Tumor Diseases (NCT) and the German Consortium for Translational Cancer Research (DKTK). In addition, the DKFZ is currently establishing a branch office for the development of innovative technology-based approaches for tumor diagnostics and therapy. With its high-tech profile, the Dresden location offers an excellent environment for this.

As Professor for Smart Technologies for tumor therapy you should open up new approaches, e.g. in nano- and microrobotics for oncology. You can place a special emphasis on the development and validation of intelligent sensors and actuators, biosensors and active implants as well as innovative methods for biosignal processing and sensor data fusion. The advertised position is the first professorship to be filled in the new branch office. You will therefore have a wide range of opportunities for impulses in the strategic orientation and its implementation.

We expect you to establish and maintain cooperations with the Dresden Technische Universität and other research institutions in the region. In addition, you will actively participate in the existing research networks of the DKFZ, such as the German Consortium for Translational Cancer Research (DKTK), the National Center for Tumor Diseases (NCT) and the National Cancer Prevention Center (NCPC), and in the creation of new research alliances at national and international level.

Essential requirements for employment according to § 58 SächsHSFG are a completed university degree, doctorate and habilitation or habilitation-equivalent achievements and teaching experience. We are looking for an internationally recognized personality with relevant publications in the field of micro- and nanotechnologies or comparable fields of research with documented success in the acquisition of third-party funding. You should also have experience in working within large, internationally recognized research projects including extensive scientific management experience.



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Tenure as a civil servant for lifetime is possible, if you meet the legal requirements. According to the Jülicher Modell you will be appointed as a full professor at the Technische Universität Dresden and granted a leave of absence to the German Cancer Research Center (DKFZ) at the branch in Dresden.

The DKFZ and the Faculty of Medicine at the Technische Universität Dresden seek to increase the proportion of women in research and teaching. We therefore encourage female scientists to apply.

Candidates with disabilities will be given preference when having the same qualifications.

Please send your application **by March 19, 2021** through the DKFZ online application tool (www.dkfz.de/jobs) to the chairman of the German Cancer Research Center Prof. Dr. med. Michael Baumann, Im Neuenheimer Feld 280, 69120 Heidelberg and to the Dean of the Faculty of Medicine Carl Gustav Carus, University of Technology Dresden, Prof. Dr. med. Heinz Reichmann, Fetscherstr. 74, 01307 Dresden. Further details on documents to be submitted can be found on the homepage of the DKFZ or the Faculty of Medicine under job advertisements or please contact the DKFZ (Dr. Phil-Alan Gärtig, +49 (0) 6221 42 1694), the equal opportunity officer Dr. Lorenza d'Alessandro (+49 (0) 6221 423030) or the representative for disabled persons Sibylle Szabowski (+49 (0) 6221 422781) or the dean's office (Dr. Bernd Janetzky, +49 351-458 3356), the equal opportunity officer Dr. Monika Valtink (+49 351-458-6124), or the representative for disabled persons Heike Vogelbusch (+49 351-458 3327).

The Technische Universität Dresden and the DKFZ regard diversity as a cultural matter of course and a quality criterion for a university of excellence and a renowned research center. Accordingly, we welcome all applicants who would like to commit themselves with their performance and personality to us and with us for the success of all. The DKFZ and the Technische Universität Dresden are firmly committed to the goal of becoming a family-friendly university and non-university research institution and have dual career programs. The Faculty of Medicine provides active support in the provision of childcare facilities as well as in the placement of appropriate jobs in the region for life partners. The quality of life in Dresden is unique in Europe.

Application deadline:

19.03.2021

