



The German Cancer Research Center (DKFZ) together with the Faculty of Medicine and the University Hospital Carl Gustav Carus of the TU Dresden in a joint appointment within the National Center for Tumor Diseases (NCT), represented by the DKFZ and in cooperation with the Helmholtz-Zentrum Dresden - Rossendorf (HZDR), invite applications for the

### **Chair (W3) of Functional Imaging in Surgical Oncology**

The professorship is assigned to the partner site Dresden of the NCT. The NCT with sites in Heidelberg and Dresden is a strategic alliance of DKFZ, HZDR with university partners as well as university clinics in Heidelberg and Dresden, aiming at establishing an international centre of excellence for research in patient-oriented oncology in Germany.

The posted professorship should develop innovative concepts in the realm of functional imaging in surgical oncology in an interdisciplinary setting. Special emphasis is put on the development and evaluation of modern technologies (e.g. novel molecular fluorescence probes or microtracers) for intraoperative molecular image guided detection of pathological and normal tissue such as tumor-free resection margins, micrometastases and relevant normal tissue. Successful applicants are expected to develop new methodologies and to translate them through preclinical models into clinical trials. This work should be performed in close cooperation with the surgical disciplines, the NCT-professorship for translational surgical oncology, oncoimaging, pathology and molecular tumor diagnostics, the engineering and informatics groups and the radiopharmaceutical cancer research groups at the campus.

We are looking for an internationally outstanding researcher with extensive expertise in preclinical/translational research in the above described research area. Candidates who qualify for this position are biologists, physicist, information scientists, engineers as well as physicians and scientists of related research areas. The successful candidate will also contribute substantially to establish the NCT Dresden and cross-site structures of the NCT, thereby closely cooperating with surgical clinics of the University Hospital Carl Gustav Carus at the Technische Universität Dresden, cooperating NCT professors (e.g. professor for Translational Surgical Oncology) and research groups at the German Cancer Consortium (DKTK), HZDR and DKFZ. The professorship is expected to be engaged in the Dresden program of problem-oriented medical teaching, in the NCT School of Oncology as well as in academic self-administration.

DKFZ, the Faculty of Medicine and the University Hospital Dresden as well as HZDR offer an outstanding scientific environment at NCT Dresden, including a large number of central facilities accessible for the professor. NCT Dresden is closely liaised with NCT Heidelberg and DKTK research groups working in various preclinical and clinical fields of cancer research, e.g. in biological, physics or medical oriented realms.

Tenure as a civil servant is possible, if the candidate meets the legal requirements. According to the Jülicher Modell the successful candidate 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).

In accordance with § 58 SächsHSG (Saxon Law on Higher Education), candidates must have completed university studies, a doctorate and habilitation or the equivalent of habilitation as well teaching experience. Ideally, candidates have scientific and administrative leadership experience, as well as a track record in acquisition of third-party funds.

The DKFZ and the Faculty of Medicine at the Technische Universität Dresden seek to increase the proportion of women in research and teaching. Qualified female scientists are encouraged to apply. Candidates with disabilities will be given preference when having the same qualifications.

Please send your application **by January 31<sup>st</sup> 2019** to: the chairman of the **German Cancer Research Center Prof. Dr. M. 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. H. Reichmann, Fetscherstr. 74, 01307 Dresden**. Further details on documents to be submitted can be found on the homepage of the Faculty of Medicine under job advertisements. For further questions please contact the office of the dean or the DKFZ.

The University of Technology Dresden and the Faculty of Medicine are committed to the concept of a family-friendly university, including dual career opportunities and childcare. The Dresden region offers a very high quality of life.