The German Cancer Research Center is committed to increase the percentage of female scientists and encourages female applicants 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/en/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 (DKFZ) is offering at the partner site Freiburg of the German Cancer Consortium (DKTK) a

**PhD position: Development of novel concepts for Nuclear Medicine (prostate cancer), part-time (65%)**

(Ref.-No. 2020-0215)

We are looking for a scientist with experience in the field of radiopharmacy as soon as possible.

The PhD position is located in Freiburg and immediately available at the University Medical Center Freiburg, Department of Nuclear Medicine, focusing on the identification of novel radiopharmaceuticals (www.uniklinik-freiburg.de/nuklearmedizin/radiopharmakaentwicklung).

The clinically oriented research platform includes the identification and evaluation of novel radiopharmaceuticals for positron emission tomography (PET) and radionuclide therapy. The multidisciplinary and translational focus is supported by the direct association with the Comprehensive Cancer Center Freiburg and the German Cancer Consortium (DKTK).

**Job description:**

The candidate will work in a highly interdisciplinary field encompassing pharmaceutical sciences, chemistry, biotechnology, medicine, and biology. Innovative biotechnological and chemical methods will be used to identify novel compounds.

The specific topic of the current doctoral thesis deals with the identification of novel drug candidates for therapy of metastatic prostate cancer. Within the scope of the project, radiopharmaceuticals against new target structures will be identified by biological screening systems such as mRNA-based display or phage display. The project is highly interdisciplinary emphasized by a broad spectrum of methods in biotechnology, biochemistry and molecular biology. The approaches applied will result in novel diagnostic procedures and potentially new therapeutic options for the treatment of advanced prostate cancer.

**Your profile:**

We are looking for candidates with interest in a challenging and application-oriented research topic as well as the ability to work independently in a team. The candidate should have an above-average master's degree in molecular/cancer biology, biochemistry, or related biomedical fields.
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Exceptional written and oral communication skills, self-motivation, ability to work in a team-oriented setting in an interdisciplinary environment are required. Experience in molecular biology and biochemistry is highly desired. The candidate is expected to present the research at national and international conferences.

Please hand in:
- Letter of intent
- Curriculum Vitae
- Certified copies of your university degrees with grades (BA and MA certificate / Diploma certificate)
- Suggestion of two referees with contact details

Contract period:
The position is limited to 3 years.

Contact:
Prof. Dr. Matthias Eder, phone +49 761270 74220

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

Application deadline:
01.10.2020