IN SEARCH OF EXCELLENCE!

OncoRay
Dresden University of Technology

The Centre for Innovation Competence (German: Zentrum für Innovationskompetenz, ZIK) OncoRay – Center for Radiation Research in Oncology – is developing innovative methods for biologically individualised, technologically optimised radiation therapy for improving cancer cures. The OncoRay was established in 2004 as an interdisciplinary research centre by Dresden University of Technology, the University Hospital, and the Research Center Dresden-Rossendorf. It is attached to the Medical Faculty, and offers first-class research facilities, internationally acknowledged expertise in translational cancer and radiation research and a dedicated postgraduate school, offering an MSc and a PhD programme (www.OncoRay.de). Dresden offers a prime research environment, and is a culturally attractive, family-friendly city with a high quality of life.

The Carl Gustav Carus Medical Faculty of Dresden University of Technology, together with the German Federal Ministry of Education and Research (BMBF), is seeking for the OncoRay – Center for Radiation Research in Oncology:

Associate Professor (W2)/Junior Research Group Leader
“Biomarkers for Individualised Radiotherapy”

The professor will be appointed for five years. A tenure-track option, dependent on positive evaluation, is possible. The successful candidate will establish an interdisciplinary and international team of excellent scientists that will develop novel biomarkers for the prediction of the response of cancer to radiotherapy and innovative drugs for the development of individualised treatment strategies. Eligible candidates will have a PhD or MD degree, an excellent postdoctoral scientific track record in tumour biology, genetics or molecular pathology, for example, and teaching experience. Experience in radiation biology is not a prerequisite, and can be obtained on site.

Junior Research Group Leader
“In-vivo Dosimetry for Novel Types of Radiation”

The successful candidate will establish an international team of highly qualified scientists and technologists in technology-based physics research. The team will develop radiation detectors for image-based in-vivo dosimetry for radiation therapy with protons and ions, fast techniques of signal processing, and data acquisition and processing in real time. Eligible candidates will have a PhD degree, alongside several years of research experience in experimental nuclear, radiation or particle physics, particularly in developing and using radiation detectors as well as in technologies and methods for the recording and processing of detection signals. Experience in physics and technologies of medical imaging are not a prerequisite, and can be obtained on site.

Funding for the research groups is available over a period of five years, and includes a budget for personnel, excellent laboratories, sustainability and travel costs.

Dresden University of Technology is an equal-opportunities employer; applications from women are strongly encouraged. Preference will be given to disabled applicants with the same qualifications.

Please send your application by 30 April 2010 to:

Biomarkers:
Professor H. Reichmann
Dekan der Medizinischen Fakultät
Carl Gustav Carus
Technische Universität Dresden
Fetscherstrasse 74
01307 Dresden
Germany

In-vivo Dosimetry:
Professor Michael Baumann
Sprecher ZIK OncoRay
Fetscherstrasse 74
01307 Dresden
Germany

and, for either application, also to:
Project Management Jülich
Division Technological and Regional Innovations (TRI)
Forschungszentrum Jülich GmbH
Zimmerstrasse 26–27
52425 Jülich
Germany
Email: k.d.husemann@fz-juelich.de

For further information, please contact:
Professor Michael Baumann (michael.baumann@oncoray.de); www.oncoray.de

For all details on the application requirements, please go to:
http://www.unternehmen-region.de and the website of the Medical Faculty (Stellenanzeigen)