Job Vacancy

The University Hospital Essen offers first class medical services in the Ruhr metropolis. Every year, 225.000 patients are treated in 30 clinics, 27 institutes and specialized centers. The over 8.000 employees offer medical care with state-of-the art diagnostics and therapies, which meet highest international standards. Patient care is connected with basic and translational research at an internationally competitive level.

Research Associate (PhD student) (m/f/d)

(pay grade: EG 13 TV-L)

Work Area: Clinic for Nuclear Medicine - Preclinical Theranostics
Job ID: 12152

Start Date: Next possible date
Work Scope: part-time employment / 25,025 h
Contract Type: temporary
Contract duration: 36 Months; in accordance with § 2 Abs. 1 WissZeitVG

Your tasks:

The Preclinical Theranostics team focuses on theranostic approaches with the goal to deliver new insights into tumor biology, heterogeneity and metabolism and their relationship and relevance to functional imaging and biomarker-driven treatments in nuclear medicine. Radiopharmaceutical therapy (RT) is a promising treatment option for various cancers. However, outcomes are rarely curative. We address this clinical need by investigating new radiopharmaceutical modalities and the mechanisms underlying the response / resistance to RPT. To improve RPT outcomes, we establish phenotypic (imaging) biomarkers and develop rationally chosen, translatable RPT-based combination therapies.

We are searching for an enthusiastic and highly qualified PhD student for a project within our EU-funded consortium Thera4Care. The project includes the investigation of radiopharmaceutical cancer therapy and its radiobiological effects.

• The investigation of radiopharmaceutical cancer therapy and its radiobiological effects
• In vitro and in vivo studies (PET/SPECT/CT imaging, therapy), molecular biological and proteinbiochemical methods, immunohistochemistry, flow cytometry, omics analyses (e.g.,RNAseq), and bioinformatic data analysis
• Discuss the results in regular group meetings and potentially on national and international scientific conferences

Your profile:

• Diploma or Master degree or comparable internationally recognized title in biomedical sciences (Molecular Biology, Biochemistry, Molecular Medicine, Pharmacy or similar)

• Ideally experience in tumor biology and/or nuclear medicine, however this is not a prerequisite
• Ideally first experience in bioinformatic data analysis
• Independent, structured and solution-oriented way of working, high motivation, enthusiasm, flexibility, stress resistance, commitment and reliability
• Excellent knowledge of English language, both written and spoken
• Knowledge of MS Office (Power Point, Excel, Word)

Look forward to:

• A secure job in the public service of the state of NRW
• Fair payment in accordance with the collective wage agreement (TV-L) incl. annual bonus payment and supplementary company pension scheme
• 30 days of vacation per calendar year (for a full-time position)
• Interdisciplinary work with colleagues from other departments
• Working with modern equipment and certified quality standards
• Family-friendly corporate culture, e.g. company daycare center, vacation program for school-age children, advice and support from the Employee Service Office in all life situations
• Wide range of training and continuing education opportunities, e.g. at the Training Academy of UK Essen
• Health Management, e.g. company integration management, vaccinations, promotion of sports activities
• Attractive fringe benefits, e.g. reduced-price canteen meals, community events, accommodation in student residences

General conditions:

- The pay grade classification depends on the personal and collective legal prerequisites.
- The University Hospital Essen is an equal opportunity employer. Female scientists are particularly encouraged to apply.
- Disabled applicants will be preferentially considered in case of equivalent qualification.

Contact person and further information about the position:

You will find detailed information on the job advertisement and contact persons behind the button - Apply now:

https://bewerbung-karriere.ume.de/Vacancies/12152/Application/CheckLogin/1

We use your data exclusively for application purposes in accordance with the applicable data protection regulations. Further information can be found in the privacy statement on our homepage at: www.uk-essen.de.