

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.

PostDoc in Preclinical Theranostics (m/f/d)

(pay grade: EG 13 TV-L)

Work Area: Clinic for Nuclear Medicine - Preclinical Theranostics

Job ID: 12375

Start Date: 01.09.2025

Work Scope: full-time / 38,5 h

Contract Type: temporary

Contract duration: 31.08.2028; in accordance with § 2 (2) WissZeitVG for the duration of the project

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 (<https://nuklearmedizin.uk-essen.de/praeklinische-theranostik/>)

We are looking for a proactive, talented Postdoctoral researcher who likes to take on new challenges and responsibilities, appreciates working in an interdisciplinary setting, and enjoys being part of a team.

The project involves evaluation of radiolabeled molecules for imaging and therapy. We expect contributions to project and lab management and supervision of students (BSc, MSc, PhD level).

Your profile:

- Diploma or master degree and a PhD degree in life or biomedical sciences (pharmacology, biology, biochemistry, animal sciences, physiology, immunology)
- Records of accomplishment including presentations at scientific conferences and peer-reviewed publications
- Experience with rodent animal handling



- In vivo imaging skills (PET, SPECT, CT) are a plus but not mandatory
- Experience with standard molecular biological, protein-biochemical, cell biological, immunological assays
- Attitude to work with accuracy, precision, and reliability in performing technical and analytical activities
- Strong organizational abilities. Able to work independently and follow through on assignment
- Able to organize and present results in an appropriate format
- Excellent communication skills and good command of English in both, oral and written form are a prerequisite
- Ability and commitment to work flexibly, under pressure and to deadlines
- Exceptional individuals who do not match these descriptions exactly will also be considered

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.
- The position is also available as part-time employment.

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/12375/Application/CheckLogin/1>



Universitätsmedizin Essen
Universitätsklinikum

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