

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.

The **Department for Nuclear Medicine** is currently seeking a

Postdoctoral Position in Experimental Radiopharmacy (m/f/d)

(pay grade: 13 TV-L / 100% - temporary employment)

Starting from **January 1, 2023** at earliest

The pay grade classification depends on the personal and collective legal requirements. The employment is provided for the duration of a third-party funded project until 30.06.2024. An extension might be possible according to available funding and the maximum employment duration as given by law regarding scientific fixed-term contracts (Wissenschaftszeitvertragsgesetz).

Your tasks

- Production and radiolabeling (e.g. Ga-68, Lu-177, Zr-89) of liposomes/nanoparticles as well as peptides, small molecules and antibodies for research applications.
- Development of automated syntheses using different synthesis modules
- Development of analytical methods (e.g., radio-HPLC, radio-TLC, gamma counter, GC-MS, dynamic light scatter-ring (DLS) and zeta potential))
- Preparation of documents and SOPs for GMP-compliant documentation
- Qualification and validation work
- Examination of radiopharmaceuticals in animal models
- Radiolabeling for different projects on a limited scale
- Ensuring radiation and animal protection
- Assistance in the acquisition of third-party funding and presentation of research results at congresses

Your profile

- Diploma or master degree and a PhD degree in Chemistry or a related subject
- Experience in practical and theoretical radiochemistry and radiopharmaceutical chemistry
- Experience in the operation of automated synthesis modules and/or analysis systems
- Experience in practical and theoretical nanotechnology are an advantage

- Ideally basic pharmaceutical knowledge (e.g. aseptic work, GMP)
- Ideally knowledge in small animal imaging (e.g. PET, CT)
- Attitude to work with accuracy, precision, and reliability in performing technical and analytical activities
- Flexible and team oriented way of working; candidate should be capable to work and communicate in an interdisciplinary team
- Strong organizational abilities; able to work independently and complete tasks
- Able to organize and present results in an appropriate format
- Excellent command of English and German in both, oral and written form are a prerequisite
- Ability and commitment to work flexibly, under pressure and to deadlines

We offer:

- Experienced Radiopharmacy team
- Great opportunities for scientific collaboration with leading researchers
- Support in obtaining the necessary qualifications for an academic career

The University Hospital Essen is an equal opportunity employer. Female scientists are particularly encouraged to apply. The participation in secondary employment depends on the „Hochschulnebenbeschäftigungsverordnung“ of North-Rhine Westphalia. Disabled applicants will be preferentially considered in case of equivalent qualification. The position is also available as part-time employment.

Our university offers attractive academic career track options and family friendly conditions.

Please send your application documents within 2 weeks after publication of this advertisement on our homepage with reference to the job advertisement number **1326** primarily by e-mail in one coherent PDF file to bewerbung@uk-essen.de or in writing to the University Hospital Essen, Personnel Department, Hufelandstraße 55, 45147 Essen.

If you have any questions, please contact Valeska von Kiedrowski (Valeska.vonKiedrowski@uk-essen.de).

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.