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.

8 PhD positions (f/m/d)

(pay grade: EG 13 TV-L)

Work Area: Various clinics and institutes at the University Hospital Essen
Job ID: 11709

Start Date: 01.01.2025 at the earliest, but no later than 01.04.2025
Work Scope: Part-time employment / 25,025 h
Contract Type: Temporary
Contract duration: 42 Month from employment, until 30.09.2028 at the latest; in accordance with § 2 (1) WissZeitVG

Your tasks:

The GRK 2762 "Heterogeneity, plasticity and dynamic in cancer cell, tumor and normal tissue responses to cancer radiotherapy" offers outstanding internationally-oriented interdisciplinary scientific research and training opportunities for graduates of experimental or computational life sciences and (bio)medicine with interest in basic and translational cancer research and computational biology.

The exciting research projects collaborate across disciplines to discover biological principles underlying individual differences in radiosensitivity, adaptive resistance, and toxicity by translating results obtained in projects using preclinical models and patient samples into interpretable computational models. Thereby we will discover actionable vulnerabilities and valid stratification markers suitable to distinguish responders from non-responders and to detect patients at high risk of failure or adverse effects.

Each of the interconnected projects is linked to one of the four focus areas: i) lung cancer, ii) pancreatic cancer, iii) treatment-induced lung and heart toxicity, or iv) mathematical and computational modelling. You find details on the single projects at our website: https://www.uni-due.de/med/forschung/grk2762/

Important information on the application:
The open positions only apply to projects L1, L2, L4, P1, P2, P3, T1 and T2 (please check https://www.uni-due.de/med/forschung/grk2762/research-projects.shtml for further information). Applications are not possible for the Computational Modelling projects (M1-M3). If places become available in projects L3 and T3, these will be advertised separately; if you are interested, please check the University Hospital Essen job portal regularly.

Interested candidates should fill in the application form available at https://www.uni-due.de/med/forschung/grk2762/jobs.php and upload it together with a curriculum vitae, a copy of all university degrees and other certificates (e.g., on English language skills, FELASA B

qualification) and the indication of two referees (University professors) in a single pdf-file in the University Hospital Essen Career Platform.

Application deadline: 8. November 2024
Interviews will take place in the last week of November and first week of December 2024.

Your profile:

- Talented and enthusiastic candidates with high interest in the research topic of GRK 2762
- Strong Diploma/Master degree in Cell or Molecular Biology, Biochemistry, Radiation Biology, Experimental Diploma/Master degree Medicine, Computational Biology or related fields
- High motivation and commitment for active cross-disciplinary collaboration
- Abilities for problem-solving and independent work
- Work with laboratory animals may be obligatory (depending on the project)
- Fluent in spoken and written English (knowledge of German is not a requirement)

Look forward to:

- Opportunity to conduct high-level interdisciplinary research projects
- Stimulating interdisciplinary and internationally-oriented academic environment
- Innovative cross-disciplinary scientific training for PhD and MD students at the interface between radiation biology and oncology, precision medicine, and computational biology
- Training in transferable academic and soft skills
- Funding for active participation in workshops and conferences and international visits to collaboration partners
- Regular supervision and mentoring
- Excellent career opportunities
- 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.
- The participation in secondary employment depends on the „Hochschulnebentätigkeitsverordnung“ of North-Rhine Westphalia.
- Disabled applicants will be preferentially considered in case of equivalent qualification.

Contact person and further information about the position:
Liza Neukirch (scientific coordinator GRK 2762), email: liza.neukirch@uk-essen.de, phone: +49 (0)201 723 4740
Prof. Dr. Verena Jendrossek (speaker GRK 2762), email: verena.jendrossek@uk-essen.de, phone +49 (0)201 723 3380

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

https://bewerbung-karriere.ume.de/Vacancies/11709/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.