



## 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 (Postdoc) (m/f/d)

(pay grade: EG 13 TV-L)

**Work Area:** Institut für Zellbiologie (Tumorforschung)

**Job ID:** 11751

**Start Date:** 01. November 2024

**Work Scope:** fulltime / 38,50 h

**Contract Type:** limited

**Contract duration:** 30. September 2027; according to § 2 para 2 WissZeitVG

#### Your tasks:

The DFG-funded Research Training Group 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 interconnected GRK2762-projects cover four focus areas: i) lung cancer, ii) pancreatic cancer, iii) treatment-induced lung and heart toxicity, or iv) mathematical and computational modelling.

You find more details on the participating PIs and projects at our website:

<https://www.uni-due.de/med/forschung/grk2762/>

- Support the spokesperson in the scientific development of GRK 2762 regarding the aspects research, qualification programme, and management
- Carry out an own data-driven and translational research-oriented scientific project that supports the scientific goals of this GRK
- Support the spokesperson with the retrieval of publicly available datasets and quantitative modelling of metabolic and immune responses to irradiation
- Support the spokesperson with the development of a strategy and training courses for Research Data Management in GRK 2762
- Support the spokesperson with grant applications
- Opportunity to participate in the theoretical and practical GRK training (e.g., methods workshops in computational or radiation biology) and day-to-day guidance of the students



### **Your profile:**

- Talented and enthusiastic candidate with high interest in translational research and in the research topics of GRK 2762
- Strong Master degree and PhD degree in Data Sciences, Computational Biology, Radiation Biology, Cell or Molecular Biology, Immunology, Medicine or related fields
- Programming skills in at least one programming language (Matlab, R, Python, etc.) and demonstrated experience with computational modelling for biological systems is a plus
- Experience in research data management
- Experience in experimental or translational research in radiobiology, radio-immunobiology or radiometabolomics
- Track record of publications in peer-reviewed journals
- High motivation and commitment for active cross-disciplinary collaboration
- Very good communication skills, self-confident appearance, and distinctive ability to work in a team
- Abilities for problem-solving and independent work
- Experience in work with laboratory animals is a plus
- Fluent in spoken and written English (knowledge of German is not a requirement)

Please submit your full application documents (incl. curriculum vitae, letter of motivation, a copy of all university degrees and other certificates (e.g., on English language skills, FELASA B qualification), list of publications and contact information of 2 to 3 references (university professors) via the Universitätsklinikum Essen Career Platform.

### **Look forward to:**

- Translational research-oriented high-level interdisciplinary research projects
- Stimulating interdisciplinary and internationally-oriented academic environment
- Support for postdoctoral career advancement: acquisition of own funding, participation in (inter-)national conferences, specific training courses, mentoring programmes and acquisition of qualifications for an academic career (incl. teaching skills)
- 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 „Hochschulneben tätigkeitsverordnung“ of North-Rhine Westphalia.
- Disabled applicants will be preferentially considered in case of equivalent qualification.
- The position is also available as part-time employment.”
- A certificate according to §23a Infection Protection Act (IfSG) about the vaccination and serostatus regarding measles is required.
- In the case of a written application, please submit your documents only as uncertified copies and do not use folders, as they will not be returned. Destruction in accordance with data protection regulations is guaranteed.

**Contact person and further information about the position:**

Prof. Dr. Verena Jendrossek (speaker GRK 2762), email: [verena.jendrossek@uk-essen.de](mailto:verena.jendrossek@uk-essen.de)  
Liza Neukirch (scientific coordinator GRK 2762), email: [liza.neukirch@uk-essen.de](mailto:liza.neukirch@uk-essen.de), phone +49 (0)201 723 4740

In case that you have got any questions, please send an email with your telephone number to Prof. Dr. Jendrossek ([verena.jendrossek@uk-essen.de](mailto:verena.jendrossek@uk-essen.de), Subject: Question concerning application Postdoc GRK 2762). She will then call you back.

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

<https://bewerbung-karriere.ume.de/Vacancies/11751/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](http://www.uk-essen.de).