



## 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.

### **Postdoctoral Researcher (m/f/d): Spatial implementation of immune function in pancreatic cancer**

(pay grade: EG 13 TV-L)

**Work Area:** Department of Urology, Grünwald Lab

**Job ID:** 13456

**Start Date:** Next possible date, earliest 01.07.2026

**Work Scope:** Full-time / 38,5 h

**Contract Type:** Temporary

**Contract duration:** 3 years, in accordance with § 2 (1) WissZeitVG for qualification goal habilitation

#### **Your tasks:**

You will lead research activities at the interface of tumor immunology and translational systems oncology, aimed at a mechanistic understanding of spatial immune-instructive programs in pancreatic cancer.

- Perform and coordinate spatial and single-cell multi-omics analyses of human tissue samples
- Integrate transcriptomic, proteomic, and imaging-based datasets to identify functional cell states and regulatory networks
- Develop and apply patient-derived organoid, co-culture, and fragment culture models
- Collaborate closely with computational and clinical collaboration partners
- Supervise research students and contribute to project coordination
- Prepare manuscripts and present results at international conferences
- Contribute to translational development of treatment strategies

#### **Your profile:**

We seek an independent and motivated scientist with strong analytical and collaborative skills.

Required:

- PhD in medical biology, molecular biology or a related field
- Strong background in tumor biology
- Experience with cell culture and complex model systems (organoids, primary cultures, patient-derived tissue fragments)



- Experience with or strong interest in spatial, single-cell, or multi-omics technologies
- Interest in interdisciplinary translational research
- Independent problem-solving skills and scientific creativity
- Excellent teamwork and communication skills
- Very good English (written and spoken)

**Desirable:**

- Experience in tumor microenvironment research
- Knowledge of computational biology or image analysis
- Experience supervising students

**Look forward to:**

- Access to cutting-edge spatial and single-cell technologies
- Unique clinical cohorts and patient-derived model systems
- An international collaborative team environment
- Strong support for career development and independence
- 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 „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.

**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/13456/Application/CheckLogin/1>



**Universitätsmedizin Essen**  
Universitätsklinikum

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