

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 Assistant (PhD. Candidate) (m/f/d)

(pay grade: EG 13 TV-L)

Work Area: Institute for Experimental Immunology & Imaging - AG Gunzer

Job ID: 13254

Start Date: Next possible Date

Work Scope: part-time employment / 25,025 h

Contract Type: temporary

Contract duration: 36 month, for the duration of the project § 2 (1) WissZeitVG

Your tasks:

- Conducting experiments on mouse models of ischemic stroke
- Analyze samples using flow cytometry, immunohistochemistry, and fluorescence microscopy
- Perform cell culture work and immunoassays

Your profile:

- Highly motivated with a strong interest in addressing relevant biomedical research questions
- You want to develop further in a multidisciplinary environment
- Willingness to work with animal models
- Excellent English skills, both written and spoken
- Ideally, experience in experimental immunology (e.g., sterile tissue injury) and/or neurobiology
- Completed university degree (Diploma or Master of Science) in immunology, neurobiology, or a related field; candidates with a medical degree are also encouraged to apply
- Practical experience with mouse handling, surgical procedures, and flow cytometry is an advantage

Look forward to:

The Institute for Experimental Immunology & Imaging is involved in the visualization and functional analysis of immune cells in vitro and in vivo. Enjoy working in an innovative, scientific team with a focus on the visualization and functional analysis of immune cells in vitro and in vivo. This project will focus on clarifying how the interaction of gut microbiome with neutrophils



affects inflammation after ischemic stroke. For this, in-vivo mouse models and in-vitro tests are used with state-of-the-art microscopic, flow cytometric, and mass spectroscopic methods.

- A supportive, international collaborative team environment
- Opportunities for training and career development within a structured graduate program
- 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.

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/13254/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.