

## 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 **Institute of Immunology** <https://www.uni-due.de/immunology/> is currently seeking a

### **PhD student (m/f/d)**

(pay grade: 13 TV-L / 65% - temporary employment)

The pay grade classification depends on the personal and collective legal requirements. The employment is for a period of three years with the objective of obtaining a doctorate. An extension might be possible according to the maximum employment duration as given by laws regarding scientific fixed-term contracts. (Wissenschaftszeitvertragsgesetz).

We are interested in basic principles of immune activation and effector control mechanisms in the fields of viral immunology, immunological cancer therapy and auto-immunity. To determine such general molecular and cellular mechanisms we use high-end analysis technology (scRNAseq, GWAS, high-resolution microscopy,...) in in vitro and in vivo models. Currently we have open projects on immune exhaustion by cancer cells (Adomati T et al. , Cell Rep. 2020), chronic virus infection (Khairnar V et al. Nat Commun. 2018) and antiviral control mechanisms (Lang J et al. Nat Commun. 2020). Projects can be performed in a joint research cooperation (i.e. SFB-, Transregio- and Graduate School) or other institutions (i.e. Ontario Cancer Center, Toronto, Canada, the National Institutes of Health (NIH), Maryland, United States, the Weizmann Institute of Science, Rehovot, Israel), which we cooperate very closely with.

### **Your profile**

- University degree (master or diploma) in (Bio-)medical Sciences or a closely related study subject
- A strong interest and profound knowledge in immunology, virology or oncology
- Highly self-motivated, disciplined, team-oriented
- Scientists with a solid experience in molecular biology are particularly encouraged to apply

### **We offer**

- Working on fascinating projects such as „Anti-tumoral mechanisms of the microenvironment during immunotherapy“ with the ability to develop an own research profile
- Working independent in a highly motivated international team in a pleasant working atmosphere
- Highly funded and cutting edge technology
- Intensive interaction with other excellent world leading research institutions
- Academic career training and long-term perspective

### **Application documents**

- Curriculum Vitae (including your work experience & techniques you are familiar with; list of publications)
- Cover letter (please state your research interest)
- Research proposal (possible projects you would want to study in future, about 1 page)
- Master thesis and university certificates
- Contact information of 3 referees

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 **1345** primarily by e-mail in one coherent PDF file to [bewerbung@uk-essen.de](mailto:bewerbung@uk-essen.de) or in writing to the University Hospital Essen, Personnel Department, Hufelandstraße 55, 45147 Essen.

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).