

Stellenausschreibung

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 scientific laboratory '**Translational Pulmonology**' of the **West German Cancer Center**, is currently seeking a

Research Associate (Postdoc) (m/f/d)

(pay grade: 13 TV-L / 100% – temporary employment)

The pay grade classification depends on the personal and collective legal requirements. The employment is provided for a limited period of 36 months. In accordance with the laws regarding scientific fixed-term contracts (Wissenschaftszeitvertragsgesetz) or the Teilzeit- und Befristungsgesetz the duration of the contract depends on the personal requirements. An extension of the job duration might be possible according to the maximum employment duration as given by laws regarding scientific fixed-term contracts. The possibility of further personal scientific qualification, for example in the form for postdoctoral lecture qualification is given.

We offer an exciting scientific field of work in a highly relevant research area. The focus of the Research group 'Translational Pulmonology' is the investigation of genetic and molecular mechanisms in the field of respiratory diseases (asthma, COPD, cystic fibrosis) using human and mouse models. Our translational research is intended to gain new insights into disease development of respiratory diseases and to identify new therapeutic approaches in order to achieve advances towards more personalized medicine.

Your tasks:

- Planning, organizing and executing experimental work in murine / human models
- Performance of molecular biological, biochemical and cellular immunoassays such as flow cytometry, protein-protein interaction analyses, ELISA, real-time PCR and Western blot
- Analysis of scientific data including genome-wide sequencing data sets (RNA sequencing)
- Independent implementation and development of own projects
- Project monitoring and support of interns, technical staff, master students, doctoral students, and other research associates
- Writing of scientific manuscripts as well as applications for animal protocols and grant funding

Your profile:

- Graduates (diploma or master) in the fields of biology, biomedicine or human biology with a PhD in medical or biomedical research
- Several years of experience working with animals and sterile work with cell cultures and primary cells
- Several years of experience with the methods described above such as flow cytometry
- Highly interested and motivated to answer scientific questions to work independently and in a team
- Excellent organizational skills
- Good written and spoken German and English skills

We offer:

- An interesting and diversified work environment with translational aspects
- A stimulating, friendly, team-oriented work atmosphere
- Excellent education and training opportunities
- Freedom for the development of own research questions and discussion of independent approaches
- Support in developing soft skills such as didactics, scientific writing, and rhetoric
- Encouragement to present own data at scientific national and international conferences

The University Hospital Essen is an equal opportunity employer. Female scientists are particularly encouraged to apply. The participation in secondary employment depends on the „Hochschulnebenberufungsverordnung“ 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 **1287** primarily by e-mail in one coherent PDF file to 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.