



*The Ruhrland Hospital, West German Lung Center at the University Hospital Essen gGmbH is highly specialized for pulmonary and respiratory disease and is embedded within the Medical Faculty at the University Hospital Essen. Our approximately 700 employees provide patient care comprising of pulmonology, thoracic surgery, oncology, and intensive care medicine. At the Ruhrland Hospital, we treat around 20,000 outpatients and inpatients each year with 229 available beds for inpatient treatment. As a University Hospital, we are also a training center for young medical professionals. Our numerous research projects aim to improve patient treatment and support the development of novel therapeutic strategies. This makes the Ruhrland Hospital a leading specialist lung clinic in Germany for the prevention, diagnosis, and treatment of respiratory and pulmonary diseases.*

For our young scientific laboratory 'Translational Pulmonology' we are looking for a

**Research Associate (Post Doctoral Fellow) (m/f/d)**

(Salary in accordance with German public service salary TVöD-K,  
initially limited to 3 years)

To strengthen our team, we are looking for highly motivated candidates with an excellent doctorate degree, independent and committed work ethics, an extraordinary interest in research and very good team skills. The classification is based on personal and collective law requirements. The employment is initially for a limited period of 36 months with the possibility of a long-term extension.

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 responsibilities:**

- 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:**

- Excellent 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 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
- A performance-related remuneration according to TVöD sector hospitals municipal version
- Additional occupational pension and survivors' benefits (VBL)

Have we raised your interest? Then please send your application documents within 2 weeks after publication of this advertisement to

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