

JOB VACANCY

The University Hospital Essen offers first class medical services in the Ruhr metropolis. Every year, 225.000 patients are treated in 26 clinics, 23 institutes and specialized centers. The over 6.000 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. State-of-the-art core facilities, including imaging, cell sorting and sequencing are available on site. The oncological research of our faculty was rated #2 nationally and #18 worldwide in the most recent „U.S. News Best Global Universities Ranking“.

The **Research Division** (Head: Professor Sven Brandau) of **Department of Otorhinolaryngology** is currently seeking a

Postdoctoral researcher (m/f/d) in Immuno-Oncology

(Pay grade E13 TV-L / 100% - temporary employment)

The employment is provided for the duration of a third-party funded project for a period of initially two years. The pay grade classification depends on the personal and collective legal requirements.

Pure basic research does not satisfy you. You are looking for a clinical environment and a disease-orientated research project. You are willing to work independently and apply your knowledge to an innovative area of research. With this position, you will have the unique opportunity to perform the translational research that is associated with a clinical immunotherapy trial.

Your project

- In your project you will be the responsible translational researcher in a clinical trial of a neoadjuvant immunotherapy of cancer patients. You will work in an international, multicenter clinical study with a pharmaceutical company and different research institutes.
- You will analyze blood and tissue samples using various biomarkers to examine the immunologic efficacy and mechanism of the immunotherapy
- You will make bioinformatic and statistical evaluations.
- For our research division, you will be responsible for the design, performance and analysis of all experiments in the clinical trial.
- Your experience with immune cells and immuno-oncology will contribute to a successful outcome of the project.

Your profile / qualifications

- Completed experimental PhD Thesis and a completed academic degree in natural sciences or life sciences (Bachelor/Master/Diploma)
- Experience in biostatistics and bioinformatics, immunooncology, OMICS data analysis, immuno-monitoring
- Practical knowledge of cell culture, myeloid cells and flow cytometry
- Accuracy and sense of responsibility, reliability in data documentation
- Cooperation skills to work in a great collaborative team
- Solid English skills

Our group

In our group, you can expect a good working atmosphere and a lively research environment at the interface of basic science and clinical medicine. We offer a wide spectrum of methods ranging from molecular biology, immunology and experimental animal models to patient material and high-end imaging.

The research themes of our group are: immunological tumor-host interaction with a focus on myeloid cells, tumor immunotherapy and the immunobiology of mesenchymal stromal cells (MSCs).

More information can be found here: <https://www.uni-due.de/zmb/members/sven-brandau.php>

Selected publications

Cassetta L, et al. (2020) Journal for ImmunoTherapy of Cancer 8:e001223

Si Y, et al. (2019) Science Immunology 18;4(40):aaw9159

Lang S, et al. (2018) Clinical Cancer Research 24(19):4834-4844

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.

Please send applications (CV, two letters of recommendation or the contact details of two referees, proof/certificate of PhD, Master Degree or Diploma, presentations/publications, summary of training/experience, spectrum of methods and an English abstract/summary of your PhD thesis) with reference to the tender number **1114** within 2 weeks preferably by **email in ONE single pdf file** to:

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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.