

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.

The **Division Clinical Neurosciences** (Head: Prof. Dr. U. Bingel) of the **Department of Neurology** at the University Hospital Essen is currently seeking a

Postdoc in Brain Imaging with Focus on Pain and Placebo Research (m/f/d)

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

The pay grade classification depends on the personal and collective legal pre-requisites. The employment is initially for a limited period. 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 might be possible according to the approval of research funding and the maximum employment duration as given by laws regarding scientific fixed-term contracts (Wissenschaftszeitvertragsgesetz).

Duties and responsibilities:

We are seeking a qualified and motivated candidate for a postdoctoral position in brain imaging. You will investigate cognitive modulators of pain and analgesia in health and chronic pain using functional/anatomical magnetic resonance imaging (fMRI/MRI) and pharmacological interventions. We offer excellent research opportunities with 3 T MR and PET-MR at the University Duisburg-Essen and ultra-high-field MR (7T) at the Erwin L. Hahn Institute (ELH) and access to large-scale retrospective imaging data. The applicant is expected to supervise doctoral students. The possibility of habilitation is given.

Your profile:

- Diploma or master degree and a PhD degree in Psychology, Neuroscience or related fields
- Research experience with publications in peer-reviewed journals
- Expertise in designing experimental behavioral, pharmacological and neuroimaging studies, in brain imaging (fMRI/MRI, PET-MR) and related software (SPM, FSL or nipy)
- A profound knowledge of statistics and proficiency in at least one programming language (Matlab, R, python, etc.)
- Fluency in English is obligatory
- German language skills are preferable
- Excellent communication skills, high flexibility and great commitment are mandatory

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.

Informal inquiries can be directed to the secretariat of Prof. Dr. Ulrike Bingel (Detlef.Pucher@uk-essen.de).

Applications must include CV, Diploma or master Degree, PhD Degree, letter of interest, names and contact information of two references. Review of applications will start as soon as possible and continue until the position is filled. Please send your application with reference to the tender number **1093** to

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