

Ruhr-Universität Bochum is one of the leading research universities in Germany and a **reform-oriented campus university** that uniquely combines the entire range of major scientific disciplines in one place. The **dynamic coexistence** of subjects and subject cultures offers researchers and students alike special opportunities for interdisciplinary cooperation.

The **Ruhr University Hospital Bochum** (UK-RUB) is made up of qualified hospitals and specialised medical facilities in the Bochum, Herne and East Westphalia-Lippe region that cooperate with the Ruhr University. The UK-RUB stands for medical care at the highest level and excellent research and teaching in university medicine.

The Department of Neurosurgery at the University Hospital Knappschafts Krankenhaus Bochum (UKB) is seeking to fill the following position at the earliest possible date:

**University Professorship (W3-analogue) as Director of the Clinic for Neurosurgery
(successor to Prof. Dr K. Schmieder).**

One of the department's clinical and scientific focuses is the treatment of brain tumours. Together with the Department of Neurology, it is the core of one of the largest DKG-certified neuro-oncological tumour centres. Its supra-regional visibility is based on high patient numbers and participation in national and international therapy studies. In cooperation with the Gamma Knife Centre, there is the possibility of intraoperative one-off radiotherapy after metastasis resection. The clinic also focuses on cerebrovascular medicine as part of the DSG-certified neurovascular network, the spine centre, integration into the "RuhrStim" network with expertise in all common deep stimulation procedures and epilepsy surgery cooperation with the supra-regional epilepsy reference centre "Ruhr Epileptology" at the Department of Neurology. The clinic is also part of the supra-regional trauma centre at the UKB.

The Department of Neurosurgery has state-of-the-art equipment including a Loop-X imaging robot. All standard procedures are used in neuro-oncological neurosurgery, including awake surgery, neuronavigation, intraoperative ultrasound and neuromonitoring. All standard vascular opening and closing procedures are offered in cooperation with the Institute of Diagnostic and Interventional Radiology, Neuroradiology and Nuclear Medicine. In addition, frame-assisted stereotaxy for movement disorders and deep brain biopsies, as well as spinal surgery, epilepsy surgery and peripheral nerve surgery are offered.

Research at the Department of Neurosurgery focuses on neuro-oncology, innovative medical technology (with its own W2 professorship), artificial intelligence, including the interface between brain and computer, and functional neurosurgery. The UKB is also home to the IT umbrella structure of the UK-RUB at the Centre for Artificial Intelligence, Medical Informatics and Data Sciences.

Applicants are expected to be proficient in the entire spectrum of neurosurgery. Specialist certification in neurosurgery is required, the additional qualification "Special Neurosurgical Intensive Care Medicine" and the DGNC certificate "Vascular Neurosurgery" are desired. A positively evaluated junior professorship, habilitation or equivalent scientific achievements as well as proof of special aptitude and a corresponding commitment to academic teaching are required for the application, as is the willingness to participate in academic self-administration.

A willingness to engage in interdisciplinary scientific work and the proven ability and commitment to acquire substantial externally funded research projects (e.g. DFG, BMBF, EU) is expected. The participation of the clinic in the faculty's research priorities (oncology [especially neuro-oncology], neurosciences and protein sciences) must be a stated goal. Clinical-scientific cooperation with institutions of the Faculty of Medicine, the UK-RUB and UKB, as well as the network of the Knappschaftskliniken, in the existing research foci and development areas, and participation in existing and future joint research projects are desired.

We are looking for a clinically and scientifically outstanding personality with an interdisciplinary mindset, cooperative behaviour, strong communication skills and a keen sense for individual patient care. This should go hand in hand with the ability to manage the clinic economically, taking into account current and future health policy challenges. We expect a personal commitment and enthusiasm for the further training of young colleagues.

The appointment procedure is carried out by the Ruhr-Universität Bochum in agreement with the UKB. The appointment is made on the basis of an employment contract under private law. The connection to the university is in accordance with § 9 (2) HG NRW.

Both the RUB and the UKB stand for diversity and equal opportunities. Therefore, we promote the cooperation of heterogeneous teams and the career path of people who are under-represented in the respective fields of work. The RUB expressly encourages applications from women. In areas where they are under-represented, they will be given preferential consideration if they have the same qualifications. Applications from people with disabilities are also very welcome.

Applications should be sent with the usual documents (cover letter, curriculum vitae, academic career, copies of references/certificates, list of publications, evidence of exceptional aptitude for academic teaching, list of courses, details of research interests and clinical specialisations, list of your own third-party funding) and with the application form (http://www.medin.ruhr-uni-bochum.de/dekanat/sachgebiete_service/berufung.html) of the Faculty of Medicine within six weeks exclusively in digital form to:

Prof. Dr. med. Andrea Tannapfel
Dean of the Medical Faculty
Ruhr-Universität Bochum
Universitätsstraße 150
44801 Bochum
berufungen-medin@ruhr-uni-bochum.de

and

Mr Marco Kempka, Managing Director
Universitätsklinikum Knappschaftskrankenhaus Bochum GmbH
In der Schornau 23–25
44892 Bochum
kontakt@kk-bochum.de.

Further information on the application process can be found on our homepage at https://www.medin.ruhr-uni-bochum.de/dekanat/sachgebiete_service/berufung.html.de.