

The Ruhr-University Bochum (RUB) is one of the leading research universities in Germany and a reform-oriented campus university uniquely offering the entire range of major scientific fields in one location. Dynamic interaction between disciplines and disciplinary cultures provides both researchers and students with special opportunities to collaborate in all areas.

The UK RUB is a group of qualified hospitals and specialized medical institutions in and around Bochum, Herne and East Westphalia-Lippe which all cooperate with the Ruhr-University Bochum. The UK RUB stands for hospital care at the highest level, as well as excellence in university research and teaching within the field of medicine.

The Herz- und Diabeteszentrum NRW in Bad Oeynhausen is seeking to recruit a:

UNIVERSITY PROFESSOR FOR NUCLEAR MEDICINE (ANALOG TO W3) (M/F/X) AS DIRECTOR OF THE INSTITUTE FOR RADIOLOGY, NUCLEAR MEDICINE AND MOLECULAR IMAGING

from 1 January 2025 (successor to: Univ.-Prof. Dr. med. Wolfgang Burchert).

The Herz- und Diabeteszentrum NRW (HDZ NRW), located in Bad Oeynhausen, is a University Hospital of the Ruhr-University Bochum and a national provider of maximum care in the treatment of cardiac, vascular and metabolic diseases. With a capacity of 500 beds and 30,000 patients per year, including 15,000 in-patients, our hospital is one of the leading university treatment centers in Germany. Five Clinics, plus multiple affiliated institutes and specialist centers, all under one roof, provide the best framework for patient care at the highest level. Our clinical infrastructure is complemented by ideal conditions for medical and translational research.

The structures at the Herz- und Diabeteszentrum NRW facilitate a close exchange of expertise between Radiology/ Nuclear Medicine and the surgical and internal disciplines, anesthesiology and laboratory medicine. Multiple research cooperations exist with the Clinics, as well as the other institutes at the HDZ NRW. The Institute for Radiology, Nuclear Medicine and Molecular Imaging is crucial to both patient care and cardiovascular research. Accordingly, it is equipped with state-of-the-art imaging devices such as one PET/CT, two MRI scanners (1.5T and 3T), one volume CT (320-row), 8 mobile X-ray units, 2 stationary X-ray units, 4 gamma cameras (including one SPECT/CT), and one ultrasound device. The radiopharmacy unit within the Institute, equipped with two cyclotrons and two GMP labs, has extensive experience in the manufacturing of radiopharmaceuticals for in-house nuclear medical examinations, as well as the commercial market. The HDZ NRW is approved to sell [¹⁸F]fluorodeoxyglucose (FDG-HDZ). New and innovative radioactive tracers are available for clinical research purposes. In addition, the radiopharmaceutical work group participates in diverse basic research projects. For outpatients there is an ambulatory healthcare center (MVZ) for nuclear medicine, as well as an institution accreditation. A university outpatients clinic is in preparation and shortly before completion.

We have a permanent institutional research and teaching cooperation with the University of Bielefeld. Within the framework of this cooperation, there is currently, for example, a close exchange with the Faculty of Computer Science within the field of data science, including the option to use its computer cluster for AI issues. In addition, there are concrete plans in place at the University of Bielefeld to establish an animal experimental unit with preclinical imaging.

Fundamental requirements for the position include a positively evaluated junior professorship, a postdoctorate thesis or comparable scientific achievements, as well as proof of particular suitability for academic teaching and a willingness to contribute to academic self-governance. An approved specialist qualification in Nuclear Medicine must be submitted.

Additional expectations include:

- a high commitment to teaching;
- a readiness to engage in interdisciplinary scientific work;
- the wish and proven ability to procure significant third-party-funded research projects.

The successful candidate will represent the field of Nuclear Medicine in research, teaching and patient care. In order to cover the entire range of cardiovascular imaging at the HDZ NRW in both clinical practice and research, you will ideally also have a specialization in radiology or expertise in CT/MRI. You should also have experience in the managing of a radiopharmaceutical team for the routine production of established radiopharmaceuticals, as well as the development of new radiopharmaceuticals. As the successful candidate, you will be well known nationally and internationally within the field of nuclear medical research, and have the appropriate and relevant management experience. You will also have proven experience in managing clinical studies, as well as be a successful and internationally visible author of nuclear medical publications. You will have profound expertise in providing the entire spectrum of nuclear medical services and be familiar with the economic demands of hospital management within a university setting.

The successful candidate will be expected to integrate in the research focus of the Medical Faculty of the Ruhr-University Bochum (oncology, neurosciences and protein research). Clinical-scientific cooperations with the Medical Faculty and UK RUB institutes regarding existing focal points of research and areas of development, as well as participation in existing and future joint research projects would be welcomed.

The appointment procedure will be conducted by the Ruhr-University Bochum in agreement with the Herz- und Diabeteszentrum NRW. Employment will be on the basis of a private-law contract. University affiliation will be transacted according to §9 (2) HG NRW. The professorship will additionally be affiliated to the University of Bielefeld, within the framework of an institutionalized contractual cooperation between the Ruhr-University Bochum, the University of Bielefeld and the HDZ NRW. Successful appointment to the RUB will also entail membership of the Medical Faculty OWL at the University of Bielefeld.

The Ruhr-University Bochum and the Herz- und Diabeteszentrum NRW believe in diversity and equal opportunities. We promote collaboration between heterogeneous teams and the careers of people under-represented in the areas in question. The RUB and the HDZ NRW expressly welcome applications from women with the relevant qualifications. We are keen to increase the proportion of female professorships, particularly in clinical areas where the representation of women is low. Applications from disabled candidates with the requisite qualifications will also be gladly received.

Please send your application and accompanying documentation (cv, copies of certificates and references, list of scientific publications, offprints of ten representative publications, proof of particular suitability for academic teaching, list of courses held, research interests, list of acquired third-party funding) as well as the completed application form (http://www.ruhr-uni-bochum.de/medizin/dekanat/sachgebiete_service/berufung.html) till 07.06.2024 appearing to:

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