

**Join us in shaping the new Medical School at Bielefeld University:
Future-oriented, interprofessional, and strong in research and teaching**

The **Medical School EWL** at Bielefeld University intends to fill at the Department of Diagnostic and Interventional Radiology at the **Klinikum Lippe** a

Professorship for AI-Assisted Biomarker Research – Focus on Integrated Diagnostics (W2)

at the earliest possible date. Thereby associated is the position as senior physician at the Department of Diagnostic and Interventional Radiology.

At Bielefeld University, an innovative Medical School with an interdisciplinary individual and population medicine orientation and the University Medical Center East Westphalia Lippe (UMC EWL), with the Klinikum Bielefeld, Evangelisches Klinikum Bethel (EvKB), and Klinikum Lippe as holders, are established. We are looking for personalities who want to seize the development situation and its challenges as a chance and actively participate in research, teaching, patient care, and organization. We offer an exciting environment that opens up a wide range of opportunities. You will be significantly involved in the further planning and implementation of the model study program in human medicine (according to ÄApprO), as well as in implementing the "clinician" and "advanced clinician scientist" programs, and you will have the opportunity to apply innovative concepts in teaching. At the same time, you will take on a significant role in developing an interconnected, inter/nationally competitive research profile "Medicine for people with disabilities and chronic diseases". For more information, please visit <https://www.uni-bielefeld.de/fakultaeten/medizin/forschung/profil/>.

The call aims at personalities with a promisingly national and international profile who can represent the field of expertise in research, teaching, and patient care in its entirety.

The prerequisites are

- specialist qualification in radiology,
- relevant doctorate, and additionally scientific achievements according to § 36 paras. 1; no. 4 HG NRW,
- excellent scientific achievements reflected in corresponding publications and third-party funding,
- broad clinical experience in the field of diagnostic radiology (especially multiparametric MRI) and in the interdisciplinary implementation of radiological-clinical biomarker studies as well as leadership experience,
- experience in the validation of classification algorithms,
- connectivity to the research profile of the Medical School EWL,
- extensive and innovative teaching experience for the subject to be represented,
- experience and active involvement in the equality-oriented promotion of young scientists.

The Department of Diagnostic and Interventional Radiology provides the full range of radiological services for the patients of the Klinikum Lippe. At the department, the academic center for imaging diagnostics and image-guided therapy in the EWL region is being established with scientific focus on integrated diagnostics, personalized precision diagnostics and translational imaging research. In addition, with the expansion of the UMC EWL, scientifically qualified, clinical sections will be established at the department.

Within the framework of the advertised professorship, the focus will be on research into the diagnostic precision of qualitative and quantitative radiological biomarkers for malignant and benign diseases. Machine learning and artificial intelligence methods will be applied.

We expect the ability to critically review findings on diagnostic performance in order to be able to transfer them into clinical routine in an evidence-based manner.

In the diagnostic center of the clinic, the diagnostic disciplines are intensively networked. Within this framework, knowledge of the co-registration of different imaging techniques with each other as well as the co-registration of imaging with, for example, tissue sections is desirable for the validation of researched biomarkers.

We expect networking with other departments of the UMC EWL, other faculties of Bielefeld University, and the medical community in private practice in the region. Accordingly, we are looking for a personality with leadership experience and expertise in the entire field and excellent communication and coordination skills.

The Klinikum Lippe would expressly like to invite women to apply. There is a wide range of offers to implement family-friendly working conditions. In addition to our day-care centers, we offer vacation care, reintegration during and after parental leave, placement of day-care workers, and help range in case relatives need care. All possibilities and variants of part-time employment are offered and agreed upon jointly between the doctor and management.

For the appeal applies:

The requirements for employment follow § 36 HG.

The tasks within patient care will be regulated via a contract with the Klinikum Lippe.

Applications from suitable persons with severe disabilities and persons with disabilities of equal status are expressly encouraged.

Bielefeld University has received several awards for its successes within equality and is certified as a family-friendly university. The university pursues a committed equal opportunities policy concerning the appointment of professorships, among other things, and would expressly like to invite qualified female applicants to apply. Applications are treated in concert with the State Equality Act. Family times will be considered in the context of the selection decision.

The Medical School EWL and the Klinikum Lippe consider equality between women and men to be one main task, and the future jobholder will be involved in its implementation. Bielefeld University supports dual-career constellations to establish a common centre of life and work.

Please submit your application by **31/08/2023** via the online appointment portal of Bielefeld University: <https://berufungen.uni-bielefeld.de/>.

In addition to the usual application documents and information, we ask you to submit each a 2- page teaching and research concept paper and a concept concerning patient care. These concept papers should integrate gender- and diversity-specific content relevant to the advertised professorship. We expect a brief description of your previous and planned gender equality activities, besides, particularly for the promotion of young female scientists and the compatibility of career and family.

Contact:

Bielefeld University Medical
School EWL

The Dean Prof. Dr. med. Claudia Hornberg, Dipl.-Biol., Dipl.-Ökol.

PO Box 10 01 31

33501 Bielefeld

Phone: +49 (0) 521/106-67467 (secretariat Stephanie Heuer)

dekanin.medizin@uni-bielefeld.de

and additionally

Klinikum Lippe

Prof. Dr. Dr. med. Michel Eisenblätter

Director of the Department of Diagnostic and Interventional Radiology

Telefon +49 (0) 5231/72-1191 (secretariat)

michel.eisenblaetter@klinikum-lippe.de

Please note that risks to confidentiality and unauthorized access by third parties cannot be excluded when communicating via unencrypted e-mail. Information on the processing of personal files can be found at

https://uni-bielefeld.de/uni/karriere/2019_DS-Hinweise_englisch.pdf