

*We are a young, innovative university located in the heart of the Ruhr metropolis. We pride ourselves in outstanding research and teaching, think in terms of opportunities rather than limitations and develop ideas with a view to the future. Diversity is an integral part of our culture as we promote potential and are committed to upholding genuine equity in education.*

The Medical Faculty of the University of Duisburg-Essen together with the Leibniz-Institut für Analytische Wissenschaften – ISAS – e. V., Dortmund, is offering the following position at the earliest possible date:

## **University Professorship for personalized acute cardiovascular medicine (W3 BBeSO grade post, employment relationship)**

The successful candidate will be granted equal time shares to hold a position as attending (Oberarzt) in cardiology and leave of absence immediately after appointment as a university professor to head a scientific research group (based on the so-called Jülich model) at the Leibniz-Institut für Analytische Wissenschaften – ISAS – e. V. in Dortmund.

The clinical work is expected to cover the entire spectrum of cardiovascular diagnostics and therapy including interventional techniques for the treatment of acute and chronic coronary syndromes, protected percutaneous intervention (circulatory support systems), and interventional heart valve therapy at the Department of Cardiology and Vascular Medicine, West German Heart and Vascular Center Essen.

The future chair is also expected to contribute to the main research priorities of the Medical Faculty and to collaborate with and contribute to ongoing and evolving research consortia. Furthermore, the future chair shall possess dedicated teaching skills and use innovative methods in teaching and post-graduate qualification.

At ISAS 4D analytics is an essential and innovative field of research for the precise characterization of clinically relevant patho-mechanisms. The characterization of experimental and clinical specimens is a research core of the collaborative effort between the ISAS Dortmund and the Department of Cardiology and Vascular Medicine, Essen. An imminent application of the novel techniques for patients is highly desired.

The following are requirements for the future chair: Combination of “molecular 4D imaging techniques” and multi-omics techniques (experimental and clinical trials), ideally in conjunction with systematic analyses and their application in patients/patient samples and experimental studies. Profound experience with data-mining and identification of novel therapeutic targets. Experimental models for acute cardiac injury (myocardial infarction, acute inflammatory syndromes). The applicant should have expert knowledge in conducting large register studies in acute cardiovascular diseases (including biobanking). The future job holder should have several years of professional experience in the field of the aforementioned data analysis, the board certification of Internal Medicine and Cardiology and profound experience in the interventional treatment of acute cardiac disease (acute coronary syndromes, cardiogenic shock, valvular heart disease).

Qualifications according to § 36 Hochschulgesetz NRW are required and successful experience with competitive third-party funding applications are mandatory. As the University of Duisburg-Essen puts special emphasis on the quality of academic teaching, concepts on the participation in teaching activities with regard to the profile of the University Duisburg-Essen should be provided.

The Medical Faculty in Essen promotes research particularly in the following areas: Cardiovascular Disease, Oncology, Transplantation Medicine and Translational Neuro- and Behavior Sciences, as well as the bridging disciplines of Immunology and Infectious Diseases.

The position will be available at the earliest.

Application deadline: **20.08.2022**

The University of Duisburg-Essen aims to increase diversity among its faculty members (see [uni-due.de/diversity](http://uni-due.de/diversity)) and strives to increase the number of women in such positions; therefore, we especially encourage women with relevant qualifications to apply. Women with the appropriate qualifications will receive preferential consideration. Applications from severely disabled candidates according to § 2 Abs. 3 SGB IX are welcome.

Applications with the usual supporting documents [curriculum vitae, list of scientific publications (see [www.uni-due.de/imperia/md/content/medizin/formblatt\\_aufbau\\_schriftenverzeichnis.pdf](http://www.uni-due.de/imperia/md/content/medizin/formblatt_aufbau_schriftenverzeichnis.pdf))], documents on scientific and professional career, certificate copies, information on third-party funding, participation in academic self-administration, past teaching experience and concepts for teaching, and 5 key publications should be submitted by email ([medizin-dekanat@uk-essen.de](mailto:medizin-dekanat@uk-essen.de)) to **Univ.-Prof. Dr. J. Buer, Dekan der Medizinischen Fakultät, Universitätsklinikum Essen, Hufelandstr. 55, 45147 Essen.**

Furthermore, we need you to fill in our application form at [www.uni-due.de/med/de/organisation/bewerbungsbogen.php](http://www.uni-due.de/med/de/organisation/bewerbungsbogen.php). Further information on the position and its embedding in the University of Duisburg-Essen as well as in the Faculty can be found at [www.uni-due.de/med/de/organisation/berufungen.php](http://www.uni-due.de/med/de/organisation/berufungen.php). For general information please visit: [ai.uk-essen.de](http://ai.uk-essen.de).

