

Bochum. Centre of Healthcare Business

Connecting Competencies

Introducing the Health Campus Agency

The Health Campus Agency strengthens and enhances the development of Bochum and the region as a location for healthcare. As an incubator for innovative projects it aims to attract new companies to the city, to support spin-offs and to generate added value for existing companies in the future-oriented healthcare market. The Health Campus Agency supports the development of a region where the ultimate ambition is healthy living.

Nucleus for innovative care solutions

The agency

- provides a full service for companies and founders (consulting services, partners, networks, finance, flexible premises etc.)
- operates strategic topic scouting in order to bring global trends and locally available skills together
- creates a climate for interdisciplinary exchange and platforms for cooperations.

While developing innovative, patient-oriented care solutions, companies and scientists in Bochum benefit from the excellent networks within the healthcare landscape.

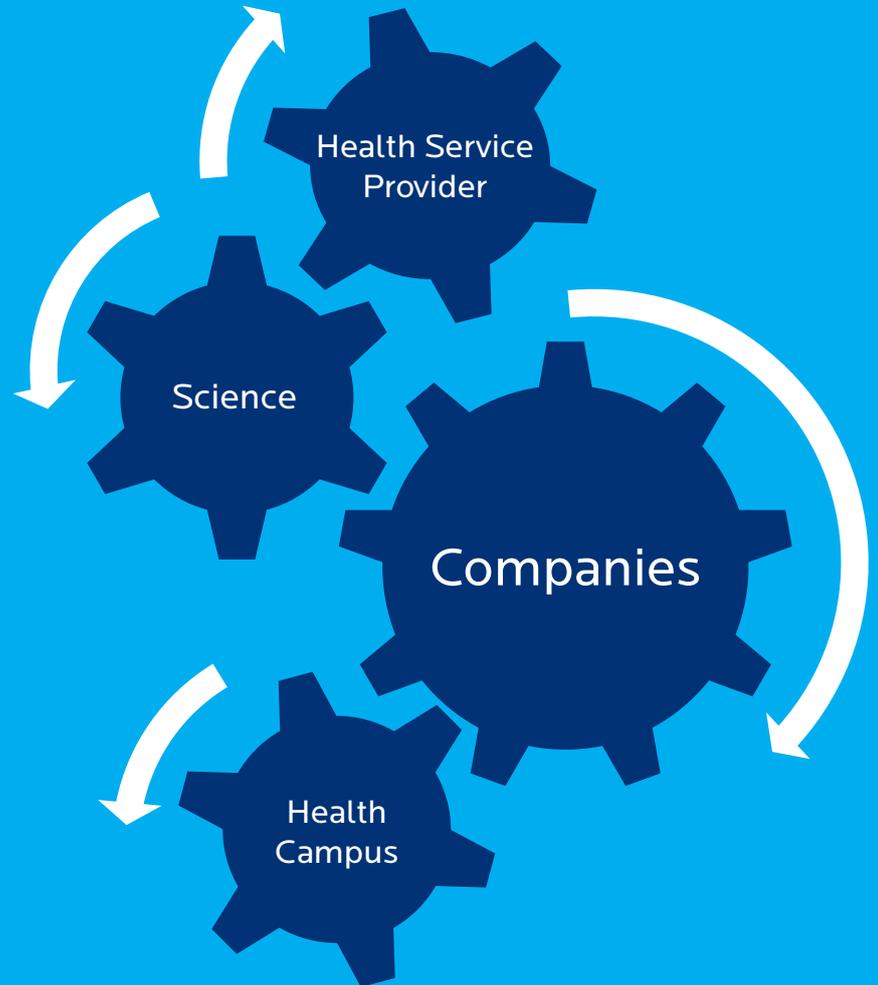
The numerous clinics in the region, doctors' networks and other organisations provide the reference market for new procedures and products, located centrally in the Ruhr Region conurbation with its population of more than five million people.

Facilitated by the agency, innovations will quickly find their way from research into real applications. And of course the population in this region benefits from these innovations as well.

Working in networks is our key to your success!

**We work closely with representati
from the business and science com
and with clinics, public authorities
doctors' practices to achieve succe
together and to push the developm
of innovations in healthcare.**

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The board of experts

The work of the Health Campus Agency Bochum is supported by experts from the fields of business, science and healthcare. The board of experts establishes connections and networks and initiates projects. Together they help make public and private sources of finance accessible for projects.



Birgit Fischer

Since 2011, Birgit Fischer has been the CEO of the vfa (Association of Research-Based Pharmaceutical Companies). She was previously the Chairperson on the Board of BARMER GEK (2010-2011) and Vice-Chairperson on the Board of BARMER (2007-2009), Minister for Health, Women, Family and Social Affairs NRW (1998-2005), Parliamentary Executive Secretary of the SPD parliamentary group in NRW (1991-1998) and after studying educational sciences was involved in advanced education and training for 13 years and equal rights representative before she became a Member of the NRW State Parliament (1990-2007). In Bochum she is the Chair of the society of friends (gdf) and member of the council of the Ruhr-University Bochum.



Jörg Holstein

Jörg Holstein is the founder and Managing Director of VISUS GmbH. He graduated in informatics with a major in business studies and is familiar with technical planning as well as with commercial instruments. Jörg Holstein has been working in the field of medical technology for over 20 years, among other activities he was in charge of the computer studies department at the Mulheim Radiology Institute and the department of Medical Computer Sciences at the Institute of Microtherapy at the private University of Witten/Herdecke.

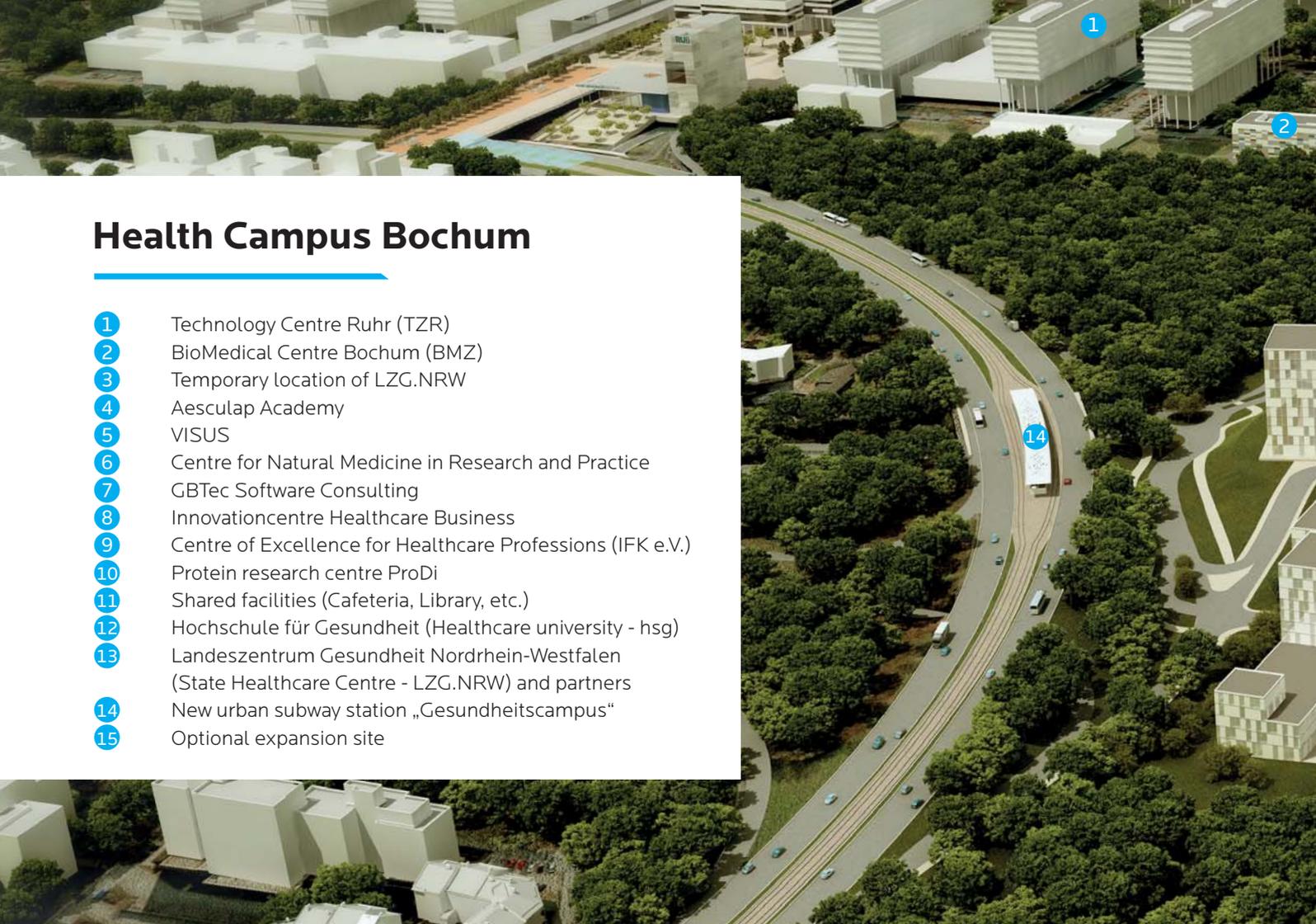


Prof. Dr. Ing. Andreas Ostendorf

After studying electronic engineering at the University of Hanover, Prof. Dr.-Ing. Andreas Ostendorf gained his doctorate and professorship in the Faculty of Mechanical Engineering. From 2000-2008 he was Managing Director and member of the board of the centre of excellence for optical technologies PhotonicNet GmbH in Lower Saxony. From 2003-2008 he was co-founder and member of the board of the Centre for Biomedical Technologies and Innovation e.V., Hanover. Since 2008 he has been a university professor for laser application technology at the Ruhr-University Bochum.

Health Campus Bochum

- 1 Technology Centre Ruhr (TZR)
- 2 BioMedical Centre Bochum (BMZ)
- 3 Temporary location of LZG.NRW
- 4 Aesculap Academy
- 5 VISUS
- 6 Centre for Natural Medicine in Research and Practice
- 7 GBTec Software Consulting
- 8 Innovationcentre Healthcare Business
- 9 Centre of Excellence for Healthcare Professions (IFK e.V.)
- 10 Protein research centre ProDi
- 11 Shared facilities (Cafeteria, Library, etc.)
- 12 Hochschule für Gesundheit (Healthcare university - hsg)
- 13 Landeszentrum Gesundheit Nordrhein-Westfalen (State Healthcare Centre - LZG.NRW) and partners
- 14 New urban subway station „Gesundheitscampus“
- 15 Optional expansion site





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Health Campus Bochum

The Health Campus in Bochum is unique, combining public healthcare administration and research institutions with space for innovative companies in the healthcare sector. Combined with the excellent scientific and practice-oriented network of the Ruhr-University Bochum and seven further universities in Bochum, this concentration enables close cooperation, knowledge transfer and dynamic innovation – a perfect symbiosis for the benefit of the patient.

The Healthcare Campus NRW is being developed by the state government of North-Rhine Westphalia in the northern part of the Bochum Health Campus site. By this the state government sends out another clear signal that North Rhine-Westphalia is going to continue to be a strong state for healthcare for the long term. The Healthcare Campus NRW is anchored locally in Bochum, but its activities are oriented to the entire state of

NRW. Within a culture of partnerships and joint projects, the Healthcare Campus makes an important contribution to filling any gaps and forming links between care processes and professions as well as between the scientific community, care providers and the healthcare business. In this way it strengthens NRW during demographic change as a state with high quality and needs-oriented medical care for all citizens.

The establishments set up here include the state healthcare centre Landeszentrum Gesundheit (LZG. NRW), the epidemiological cancer registration NRW, the healthcare university Hochschule für Gesundheit (hsg) and the protein research centre ProDi.

The southern part of the Health Campus Bochum provides around 55,000 m² of development space. This is where companies in the healthcare sector settle in

order to utilize the synergies inherent in this exceptional environment. Funded by the state of North Rhine-Westphalia and the European Union the site makes a significant contribution to the continuing development of the Health Campus.

The Health Campus Bochum is embedded in the academic landscape, directly next to the Ruhr-University Bochum (RUB) campus and the BioMedical Centre Bochum and the Technoloy Centre Ruhr nearby. The Centre for Clinical Research and the RUB's medical faculties are right next door, too. Bundling so many different types of medical and scientific skills guarantees good communications and high efficiency.



Aspects of the healthcare location of Bochum

Medical IT

Bochum is a hot-spot for medical IT: CGM, i-SOLUTIONS, Kairos, VISUS: these are just a few of the companies set up or located in Bochum which deliver IT solutions for the healthcare sector. The Westdeutsche Teleradiologieverbund – founded in Bochum in 2011 – has now established itself as a nationwide platform for the digital exchange of radiological images and it continues to grow.

Vocational and continuing education

Bochum is the centre of vocational and continuing education for specialist staff within the healthcare industry. The healthcare professions of the future are being created right here. The Ruhr-University Bochum (RUB), the Hochschule für Ge-

sundheit (University of Applied Sciences for Healthcare) and the Protestant University of Applied Sciences RWL provide a wide range of courses - from cutting edge medicine to excellent patient care. These courses are enhanced by programmes offered by private organisations such as the Aesculap Academy and professional associations.

Rehabilitative Prosthetics

Bochum has an outstanding expertise in rehabilitative prosthetics. SNAP has, among other things, developed a test bed for developing neuronally controlled prosthetics. The exoskeletons from Cyberdyne Care Robotics, which are controlled by the patient's nerves, are highly successful in rehabilitating people with spinal cord injuries. And MED-EL

is building a Hearing Care Centre where therapy procedures based on innovative cochlea implants are to be developed even further in future.

Bioanalytics

Bochum is an excellent location for research – particularly for protein and proteome research. The “Protein Research Unit Ruhr within Europe” (PURE) is an application-oriented research consortium which links the established expertise in protein research at the RUB with the medical expertise here. On the Healthcare Campus NRW a research centre for molecular protein diagnostics (ProDi) is being set up. Methods for protein research will be developed here to accelerate translational research into medical applications.



BioMedical Centre Bochum

The BioMedical Centre Bochum (BMZ), opened on the Ruhr-Universität Bochum campus in 2009, provides young life science and healthcare sector companies with around 5,200 m² of office and laboratory space for developing, manufacturing and bringing new products, technologies and services onto the market. On its five floors, the BMZ has modern offices, laboratories and workshop spaces of different sizes and with different

equipment available which are designed for flexible and needs-based use. Upgrades to clean rooms and labs with high levels of security are also possible.

The BMZ provides special equipment (lab equipment, workshop tools) which companies on site can rent at favourable conditions. Meeting rooms are also available for courses and workshops.

Technology Centre Ruhr

Located on the Ruhr-University Bochum campus, the Technology Centre Ruhr (TZR) has been offering ideal conditions for cooperation between the science and business communities since 1991.

The research institutes and healthcare sector companies at the TZR also benefit from the excellent local conditions. Its modern architecture makes the TZR a real landmark, representing an attractive working envi-

ronment particularly for technology-oriented companies. Every floor of the TZR covers around 2,000 m² which can be divided up into four sections of 500 m² each by the stairways.

Additional entrances make it possible to rent spaces from around 190 to 250 m². The smallest units offered for rent are office spaces from 32 m² upwards.



BIO MEDIZIN ZENTRUM

UNIVERSITÄTSSTRASSE 136

Contact

Johannes Peuling

Head

Health Campus Agency Bochum

T +49 234 61063-156

peuling@gc-bo.de

www.gc-bo.de

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Heinz-Martin Dirks, Ralf Meyer

Viktoriastraße 10

D-44787 Bochum

Germany