

Life Sciences



in Adlershof

Potential with prospects



Scientists, businessmen and investors are looking more and more towards Berlin Adlershof Science and Technology Park in search for new methods, cooperative ventures and investment opportunities. What they see there is an interesting blend of research establishments and commercial companies working in the life sciences sector, with over 30 companies employing more than 300 people in this field of technology at Adlershof. Specialisations include research, analysis, biotechnology, medicine and environmental technology.

A closer examination reveals the close working relationships between the individual players. People know each other here; intensive exchange of information is encouraged and new ideas are welcome. This communication creates an environment conducive to the dissemination of information and knowledge.

In addition to this, the various life sciences companies are not only engaged in joint development projects, but also share common customer and supplier relationships – even at an international level. The cooperation with the nearby renowned Humboldt University of Berlin is just one example of the partnerships formed with both private and university research establishments at the local and national level. This exciting mix makes Adlershof one of the most interesting high-technology centres in Germany. Adlershof has both potential and prospects.

Biotechnology

Networking for research and development, production and marketing



Adlershof has become one of the most important centres for biotechnology. The biotechnology companies that have based themselves here have been able to increase their long-term productivity and competitiveness. Pooling of expertise, bringing together the „top brains“ and tapping into foreign markets – these are the characteristics that identify this growth-oriented centre.

Existing competencies include:

Research, development and marketing of:

- Base materials for biotechnology and chemical processes, and synthesis processes using protein-containing waste
- Biochips and biochip-based biomedical procedures

Research, development and manufacture of:

- Technical enzyme preparations for applications in the fields of environmental technology, agriculture, foodstuffs and textiles, and organic and inorganic nano- and microparticles

Manufacture of:

- Enzymes and raw-material extracts from microbial and plant-based sources for use in biotransformations
- Metabolites
- Raw products and biomass
- Reference materials

Development of techniques for:

- Microbiological and enzymatic biotransformations and product synthesis processes



Analysis

Measurement and control for health, safety and quality

Tracing substances in foodstuffs and groundwater is as much a part of the range of services offered by Adlershof as is carrying out analyses for quality control purposes. Chemical analysis processes and methods available at Adlershof include:

- Analysis of soil, ground water, drinking water, air quality, effluent, sewage sludge, foodstuffs, nutrients, cosmetics, waste and other types of products
- Quality assurance
- Identification of pollutants:
 - Pesticides; mycotoxins; residues of pharmaceuticals, heavy metals and industrial chemicals
 - In foodstuffs, water, air and other materials
 - In the laboratory or under field conditions
- Services relating to the identification of cellulases, amylases and phytases in animal feeds and foodstuffs and to preparation of enzymes



Pharmacy, Medicine and Medical Technology



Your partner for research, diagnosis and therapy

Equipment engineering and measurement technology at Adlershof have traditionally enjoyed a notable reputation. The companies here manufacture equipment to the highest standards using the most modern techniques, some of which they have developed themselves, for the pharmaceutical, medical and medical technology sectors. Optical analysis equipment and procedures have become indispensable tools for research, diagnosis and therapy. The institutes based at Adlershof are your ideal partner when it comes to the identification and development of new active substances. You will also find innovative contract research partners here.

The range of services available at Adlershof include:

- Research, development and manufacture of:
 - Endoscopy technology
 - Measurement and analysis systems for laser spectroscopy in the fields of biotechnology and medical diagnostics
 - X-ray optics and x-ray analysis equipment
 - Heart cannulas and contact lenses



- Quality control processes for regenerative medicine and cell therapy
- Contract research for medical chemistry:
 - Organic synthesis methods for the manufacture of potential new pharmaceutical agents
 - Peptide-based services for medical research
- Adlershof also has specialist companies offering:
 - Equipment engineering for biotechnology and pharmaceutical research
 - Measurement technology for dispersion analysis, stability analysis, separation analysis and particle-size determination carried out by laboratories in the foodstuffs, cosmetics and pharmaceutical industries

Environmental Technology

Measurement, analysis and remediation for a liveable future



The many areas of expertise that form the commercial landscape at Adlershof also include environmental analysis devices and systems and micro-biological processes for hazardous waste remediation. Adlershof companies are active nationally and overseas as approved analysis partners and equipment suppliers.

Specialist areas include:

- Remediation work carried out based on innovative microbiological processes for:
 - Degradation of pollutants
 - Production of specific microbial anaerobes
 - Optimisation of effluent treatment processes
- Laboratory and technical school facilities for research activities and industrial applications
- Research in the field of supercritical media and high-pressure technology
- High-sensitivity detection systems for biotechnology and genetic engineering

- Laser technology for the following applications:
 - Laser-induced fluorescence spectroscopy (LIF)
 - MALDI-TOF mass spectroscopy
 - Surface analysis
 - Micro-material processing under the microscope



Berlin-Brandenburg

The leading region in Europe for life sciences

In recent years, Berlin-Brandenburg has developed into the leading centre for life sciences in Europe, and ranks amongst the foremost locations anywhere in the world. The clear advantages of its location in this highly productive region are what help to maintain this position in the face of global competition. The uniquely tight-knit, interconnected network of scientific, commercial and clinical establishments generates the highest levels of performance when it comes to research and innovative products. This network comprises more than 100 non-academic research establishments, around 330 companies from the sectors of pharmaceuticals, biotechnology and medical technology, and the largest university clinical centre in Europe, the Charité – Universitätsmedizin Berlin.

The factors that define the success of this region are the superb infrastructure, the reasonably priced land, and the best possible basic conditions for research, development and production. The academic landscape of the area also plays a role here, with seven universities and twenty one colleges and technical colleges all producing highly qualified

graduates. Another important factor is the attractiveness of the region itself and the quality of life on offer. The allure of the metropolis that is Berlin is built around the flair of a cosmopolitan city, tightly interwoven with the appeal of the surrounding countryside. The benefits associated with this location succeed in drawing renowned scientists and experienced managers from all over the world.



Berlin Adlershof



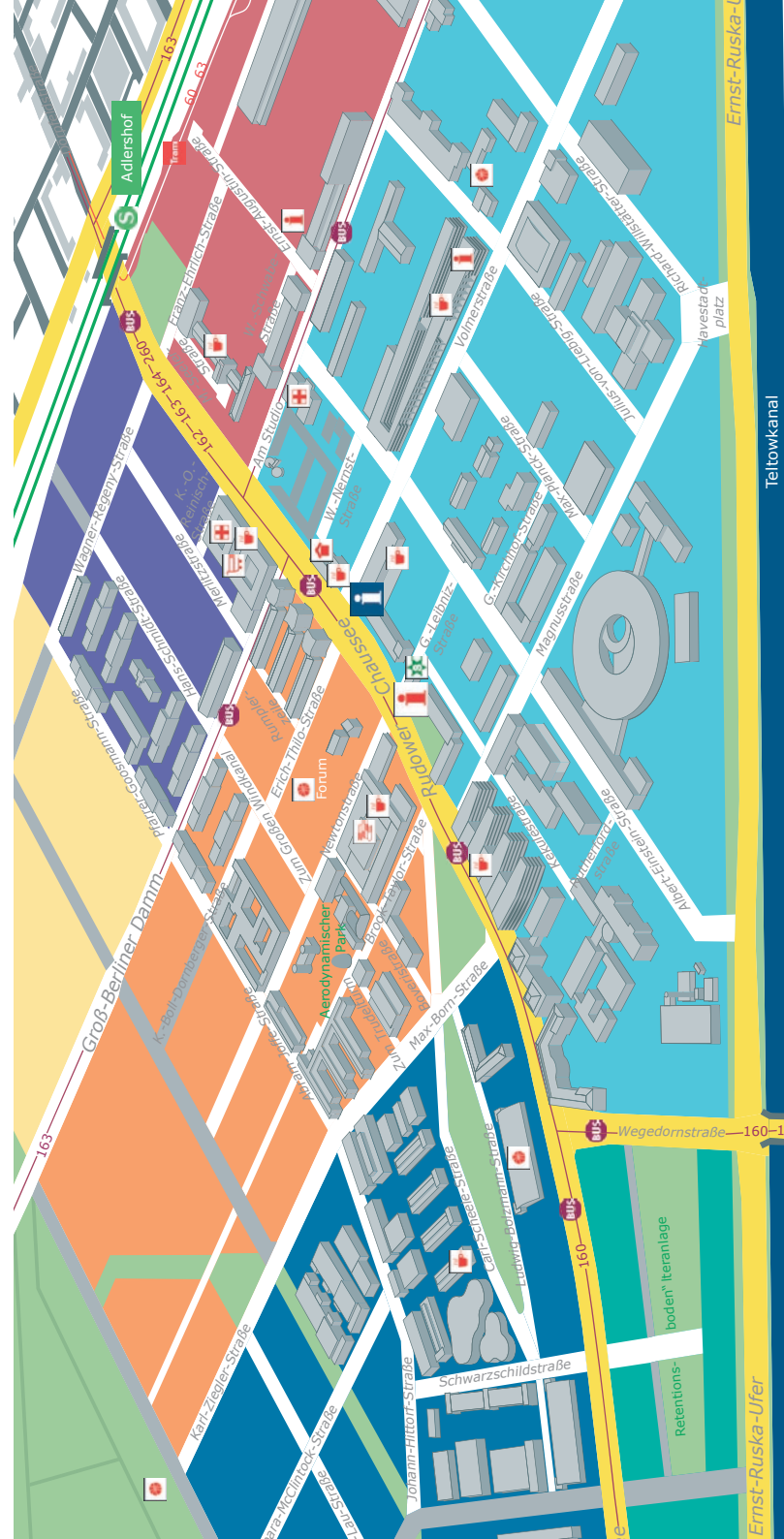
Science, technology, media and everything close to hand

Berlin Adlershof, the 'City of Science, Technology and Media', is among the most successful high-technology centres in the world. Covering an area of 4.2 square kilometres, it is home to more than 740 companies employing 12,750 staff, twelve non-university affiliated research institutions, and the six scientific institutes belonging to the Humboldt University of Berlin. The development, research and production activities carried out encompass the following specialisations:

- Information and media technology
- Photonics and optical technologies
- Materials and microsystems technology
- Environmental technology, biotechnology and energy technology

Those who have settled here to work and carry out research place great value in being so close to the most innovative companies and the leading scientific institutions of the capital region. Berlin Brandenburg International Airport (BBI) is also nearby – a new gateway to the world just a couple of minutes drive from Adlershof. The immediate neighbourhood around the technology centre also features plenty of space for living, leisure, and relaxation.

Adlershof's unique concept and profile are a persuasive mix – when may we have the pleasure of welcoming you?



www.adlershof.de

Published by:

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Images provided by:

WISTA-MANAGEMENT GMBH,
ASCA GmbH, Biopract GmbH, ISAS,
Capsolution AG, JPT GmbH, Scienion AG,
Berlin-Partner/FTB-Werbefotografie

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