

Life Science

Saxony-Anhalt's life sciences industry is strong – our heart beats for this. The pharmaceutical industry, biotechnology and medical technology set the rhythm as a sector. Academic and applied research forms a close network with producers here. So a structure which pools competence and ensures that new products are quickly available to the healthcare market is growing.

Facts

- Over 92,000 employees in 2013 (approximately 12.25% of all required to pay National Insurance contributions)
- Approximately 125 small and medium-sized businesses
- Large number of manufacturers and suppliers that specialise in the field of life sciences

Advantages

- Quick approval procedure and support for investment
- Close cooperation between companies and research institutions in the InnoMed cluster for medical engineering
- BMD industry network provides services for companies involved in life sciences, thus strengthening the industry in the federal state
- Specialist staff potential with over 55,000 students at 10 universities and higher education institutions in the federal state as well as a large number of interdisciplinary courses, such as biotechnology and medical engineering
- High degree of acceptance of the pharmaceutical industry in Saxony-Anhalt

Pharmaceutical Industry

So much for the bitter pill! Not only aspirin, the world's most well-known painkiller, is produced in Saxony-Anhalt. With more than a billion euros in turnover, the pharmaceutical industry in this part of the world is the most important investor in the healthcare industry. The largest producer, IDT Biologika from Dessau-Roßlau, has specialised in the biotechnological production of vaccines and pharmaceuticals.

Pharmaceutical Industry

Medical Technology

Operate precisely without large wounds – researchers and physicians from the STIMULATE research campus are getting closer and closer to this goal. Saxony-Anhalt is adopting a pioneering role in the development of image-guided, minimally invasive diagnostic and therapeutic methods. The state-wide “Medical Technology Cluster” is also contributing to the fact that more and more innovation drivers are able to settle and grow in a healthy manner.

Medical Technology

Red & Green Biotechnology

Researchers from Halle have devoted their efforts to no less than curing Alzheimer's disease. Probiodrug AG has already created an international sensation with their work. Scil Proteins Produktions GmbH also produces active pharmaceutical ingredients of microbiological origin in the city on the Saale River. The so-called “red biotechnology” sector already has a dozen companies.

Gatersleben is the centre of “green biotechnology” in Saxony-Anhalt to this day. Traditionally rooted in plant research, the Leibniz Institute of Plant Genetics and Crop Plant Research (IPK) came into being here. About 35 million euros have flowed into 150 scientific projects here.

An international team of researchers at the Leibniz Institute of Plant Biochemistry (IPB) in Halle is investigating how plants interact with their environment by means of natural substances. These findings flow into plant production, biotechnology and the development of medicines.

Red & Green Biotechnology

Contact



Nico Horn
Senior Manager

☎ +49 391 568 99 28
✉ V-Card

In Focus



Bioeconomy

Short Film: Life Science

Download



Life Science in Saxony-Anhalt

(543 KB)

bookmark

Biotechnology & Pharmaceuticals

()

bookmark

Success Stories



Success Stories



> Research and Development

- Leibniz Institute for Neurobiology (Magdeburg): Basic research institute dedicated to the study of the mechanisms of learning and memory
- Leibniz Institute of Plant Biochemistry (Halle): Exploring the complex processes and networks underlying the interplay between organisms and their environment
- German Center for Neurodegenerative Diseases (DZNE): Exploring targeted stimulation of nerve cells to improve cognitive performance (dementia research)
- Max Planck Institute for Dynamics of Complex Technical Systems (Magdeburg): Research focusing on issues in chemical engineering, bioprocess technology, systems engineering, systems biology, and systems theory
- Max Planck Institute for Social Anthropology – Centre for Biocatalysis
- Fraunhofer Institute for Factory Operation and Automation (IFF): Development of automated systems to assist in laboratories and nursing facilities, virtual learning environments and simulation processes for training difficult medical procedures, and the transfer of new methods of digital engineering to medical engineering
- Fraunhofer Institute for Cell Therapy and Immunology (IZI): Development, optimisation and validation of processes and products in the fields of drugs, cell therapy, diagnostics and biobanks
- STIMULATE (Solution Centre for Image Guided Local Therapies): Research and development of image-guided minimal-invasive diagnostic and treatment methods
- Institut für Bioanalytik, Umwelt-Toxikologie und Biotechnologie Halle GmbH (IFB - Institute for Bioanalysis, Environmental Toxicology and Biotechnology): Production of biological agents
- Science and Innovation Park Halle (WIP)
- The Robert Koch Institute (Wernigerode): Identification, prevention and control of diseases (especially infectious diseases) and analysis of the health situation in Germany
- Leibniz Institute of Plant Genetics and Crop Plant Research (IPK Gatersleben): Study of genetic diversity of wild and cultivated plants with the aim of making the scientific findings and methods available for more effective and expanded use of plants in pharmacy
- Julius Kühn-Institut, Federal Research Centre for Cultivated Plants (Quedlinburg)

Impulse Magazine

Chen

Impulse Magazine

Heal

> Manufacturers and Suppliers

- Production of organic fine chemicals for the pharmaceutical industry (Organica Feinchemie GmbH, Bitterfeld)
- Medical packaging (Essentra Packaging, Bitterfeld-Wolfen; Kroha GmbH, Barleben; G. Braun Pharmadruck, Bitterfeld; Schlüter Print Pharma Packaging GmbH, Schönebeck)
- Pharmaceutical production and logistics centres (Salutas GmbH, Barleben; IDT-Biologika GmbH, Dessau-Roßlau; Serumwerk AG, Bernburg)
- Production and packaging machines (Hauser Maschinen, Bitterfeld)
- Distribution of medical material (Win Med Medizintechnikhandel GmbH, Magdeburg; deppe dental GmbH, Steudtitz, Wernigerode)
- eHealth services (Ik-med, Wernigerode)
- Consultancy (Unicura Consult, Sudhalz)
- Contract research organisation for the planning and implementation of clinical trials (Galmed GmbH, Halle)
- Patents and licences (ESA Patentverwertungsagentur Sachsen-Anhalt GmbH)

OUR WEBSITE USES COOKIES

Our website uses cookies to provide our services to you. Third party cookies are also used. By giving your approval, you agree that we may use cookies. You can change the cookie settings at any time, jederzeit ändern.

Required Cookies These cookies are required for the basic functions of the website. Therefore, you cannot deactivate them. No personal data is collected or stored.

Functional Cookies These cookies allow us to analyze the website usage so that we can measure and improve its performance. No personal data is collected or stored.

