



Pharma & Biotechnology from Jena
Location for the advanced.

PHARMA & BIOTECHNOLOGY FROM JENA

Contact Jena Business Development

Would you like to contact Jena's companies or gather information on the location? We provide competent, discreet and free advice.

JenaWirtschaft
Wirtschaftsförderungsgesellschaft Jena mbH
Leutragraben 2-4 · 07743 Jena · Germany

Phone: +49 (0) 3641/87 300 30
Fax: +49 (0) 3641/87 300 59
Email: jenabusiness@jena.de
Web: www.jena-business.com

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Life Sciences for the Ambitious

GMP production facility of Wacker Biotech GmbH



Manufacturing of 25,000 ampoules per hour at EVER Pharma Jena GmbH



Production of medical rapid tests at Alere Technologies



A laser scanning microscope manufactured at ZEISS in Jena



Manufacturing of laser scanning microscopes at ZEISS in Jena



Jena is one of the great traditional locations for pharmaceuticals and biotechnology. Internationally renowned companies and institutes can be found side by side with numerous small biotechnology ventures with promising developments. They all benefit from Jena's excellent international connections with the constantly growing world market for pharmaceutical products and biotechnological solutions.

From Medicinal Garden to Internet Pharmacy ...

In 1558, the Faculty of Medicine was one of the founding faculties of the Friedrich Schiller University Jena. Pharmacy in a modern sense was not yet practiced there, but the institution possessed a medicinal herb garden (Hortus Medicus) for the production of medicinal plants and 'to the benefit of all medical students'. In 1942, Hans Knoell was the first to carry out a laboratory process for the production of penicillin in continental Europe in his laboratory in Jena. In 1950, the company Jenapharm emerged from Knoell's laboratory. Nowadays Jenapharm specializes in women's health care leading in the field of oral contraception and hormone replacement therapy. The Medipolis Group belongs to the new generation of enterprises. Originating from a single pharmacy, Medipolis has developed into a pharmaceutical full-range supplier for ambulatory care, clinics and doctors' offices as well as an internet pharmacy.

In Jena, collaboration between the business and science community has a long tradition. Two success stories: Wacker Biotech GmbH, the former spin-off ProThera GmbH of the Hans Knoell Institute and since 2005 a 100 percent subsidiary of Wacker Chemie AG, with their production line for biopharmaceuticals in Jena. As well as the EVER Pharma Jena GmbH, whose beginnings lie in the company VEB Jenapharm founded in 1950. Today the EVER Pharma Jena GmbH is part of the Austrian company EVER Pharma and delivers high-quality pharmaceutical products worldwide. Also, the scientifically-based manufacturing process for life sciences has a long history in Jena. For example, biomedical basic research uses innovative optical technologies to gain new insights. The Carl Zeiss Microscopy GmbH is one of the leading producers of microscope systems and complete solutions for this field.

At the Beutenberg Campus in Jena a large number of research institutions are based such as the Leibniz Institute for Natural Product Research and Infection Biology – Hans Knoell Institute and the Leibniz Institute for Age Research – Fritz Lipman Institute. They cooperate with the Friedrich Schiller University Jena and the University Hospital to further their basic research. Main research areas are in active ingredients as well as biotechnological processes with the goal, for example, to utilize new findings for the diagnosis and treatment of diseases.

Entrepreneurs can turn their plans into reality in the specialized laboratories at the BioInstrumentation Centre or Technology and Innovation Park Jena. The Pharmapark Jena provides infrastructure to pharmaceutical and biotechnological companies addressing their research and production requirements. Jena's existing interdisciplinary network offers innovative spin-offs excellent framework conditions that are already being utilized by companies like InflaRx GmbH and JeNaCell GmbH.

Solutions for highest demands ...

- Development, production and packaging of sterile dosage forms such as high-quality vial compounds, pre-filled syringes as well as innovative implants
- GMP-suitable contract manufacturing of biopharmaceuticals for clinical screenings and market supply, and proprietary protein secretion and fermentation technologies
- Pharmaceutical analytical development of steroidal and non-steroidal preparations for oral and parenteral application
- Development of bacterial nanocellulose as an innovative polymer for research
- Biotechnological and molecular biological technologies for the complex analysis of biological samples
- Technologies for the development of therapeutic antibodies

- Therapeutic approaches for the prevention and treatment of sepsis
- Development of innovative diagnostic solutions and therapeutics for the treatment of infectious diseases
- Bioinstruments: devices, methods, processes, materials and services for solutions in life sciences
- Microscope systems and all-in-one solutions for biomedical research, health care and industry

Success stories from Jena ...

- 4-Antibody AG www.4-antibody.com
- Alere Technologies GmbH www.alere-technologies.com
- BioControl Jena GmbH www.biocontrol-jena.com
- Carl Zeiss Microscopy GmbH www.zeiss.com/micro
- Dyomics GmbH www.dyomics.com
- EVER Pharma Jena GmbH www.everpharma-jena.de
- InflaRx GmbH www.inflarx.com
- INVIGATE GmbH www.invigate.com
- Jena Bioscience GmbH www.jenabioscience.com
- JeNaCell GmbH www.jenacell.com
- Jenapharm GmbH & Co. KG www.jenapharm.de
- Jenpolymer Materials UG & Co. KG www.jenpolymers.de
- Jesalis Pharma GmbH www.jesalis.de
- Medipolis www.medipolis-intensiv.de
- Wacker Biotech GmbH www.wacker.com/biologics
- WERNER BioAgents GmbH www.webioage.com

Networks, Research and Education ...

- Beutenberg Campus Jena e.V. www.beutenberg.de
- BioInstrumentation Centre Jena www.biocentiv.com
- Centre for Innovation Competence (ZIK) Septomics www.septomics.de
- Friedrich Loeffler Institute – Federal Research Institute for Animal Health www.fli.bund.de

- INNOVENT e.V. Technology Development Jena www.innovent-jena.de
- Leibniz Institute for Age Research – Fritz Lipmann Institute (FLI) www.fli-leibniz.de
- Leibniz Institute for Natural Products Research and Infection Biology – Hans Knöll Institute (HKI) www.leibniz-hki.de
- Leibniz Institute of Photonic Technology (IPHT) www.ipht-jena.de
- Max Planck Institute for Biogeochemistry www.bgc-jena.mpg.de
- Max Planck Institute for Chemical Ecology www.ice.mpg.de
- Max Planck Institute for the Science of Human History www.shh.mpg.de
- medways e.V. www.medways.eu
- Pharmapark Jena www.pharmapark-jena.de
- Technology and Innovation Park Jena (TIP) www.tip-jena.de

Friedrich Schiller University Jena www.uni-jena.de
Center for Molecular Biomedicine (CMB) www.cmb.uni-jena.de
Faculty of Biology and Pharmacy www.bpf.uni-jena.de

University Hospital Jena www.uniklinikum-jena.de
Institute of Virology and Antiviral Therapy www.virologie.uniklinikum-jena.de

University of Applied Sciences Jena www.eah-jena.de
Department of Medical Engineering and Biotechnology

Research in Jena in the field of Pharma and Biotechnology www.jena-research.de
Infection Research and Sepsis
Ageing Research
Natural Products in Organismic Communication
Microbial Communication

Jena's experts for Life Sciences are in demand worldwide.