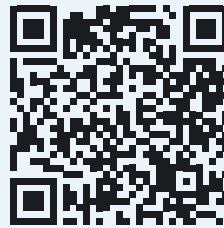




**LiST** The company database for Life Sciences in Thuringia. Find new partners, suppliers and customers among some 350 Thuringian businesses and research institutes.

[www.lifesciences-thuringen.de/en](http://www.lifesciences-thuringen.de/en)



## Successful in Thuringia.

Thuringia offers outstanding growth opportunities in medical devices, biotechnology and pharmaceuticals. It has attracted major market and technology leaders from around the globe.

### Abbott Rapid Diagnostics Jena GmbH

Founded in Jena, the company has been part of Abbott since 2017. It is one of the world leaders in rapid diagnostics at the point of care, with a focus on cardio metabolic disease, infectious disease and toxicology.

### Analytik Jena GmbH & Co. KG

Analytik Jena GmbH & Co. KG is a global supplier of analysis and automation solutions that enable specific and highly sensitive tests, e.g. by means of high-throughput screening, in the pharmaceuticals, life sciences, food and environmental sector. Since 2013, the company belongs to the Swiss Endress+Hauser Group.

### Bauerfeind AG

Bauerfeind AG is a premier manufacturer of medical devices such as bandages, orthoses, compression stockings and orthopedic inlays. Material and design award winners many times over, Bauerfeind products make a significant contribution to maintaining and restoring health.

### Carl Zeiss Meditec AG

The long-term goal of Carl Zeiss Meditec AG is to leave a lasting mark in the fields of ophthalmology and microsurgery. With its ambition to break new ground, the company develops innovative technologies, which enable healthcare professionals, e.g. to preserve vision into old age and fight brain tumors.

### microfluidic ChipShop GmbH

In the lab-on-a-chip technologies microfluidic ChipShop is a global leading supplier of microfluidic chips from a unique catalogue as well as of customer-specific complete systems consisting of microfluidic component, operating unit and related assay.

### Wacker Biotech GmbH

Jena-based Wacker Biotech GmbH has over 25 years of experience in biotechnology. Its cutting-edge site at the Beutenberg campus develops stable, highly efficient processes for the production of biotherapeutics and therapeutic proteins for customers under cGMP conditions.

### Selected companies

**AEROPHARM GmbH SANDOZ Rudolstadt, Rudolstadt**  
**AHN Biotechnologie GmbH, Nordhausen**  
**Asclepion Laser Technologies GmbH, Jena**  
**ASKION GmbH, Gera**  
**AUDIA Akustik GmbH, Sömmerda**  
**audifon GmbH & Co. KG, Kölleda**  
**Baxter Medical Systems GmbH & Co. KG, Saalfeld**  
**Bayer Weimar GmbH & Co. KG, Weimar**  
**EVER Pharma Jena GmbH, Jena**  
**Geratherm Medical AG, Geschwenda**  
**Gothaplast Verbandpfasterfabrik GmbH, Gotha**  
**Ibismed Medizintechnik GmbH, Kahla**  
**Jenapharm GmbH & Co. KG, Jena**  
**Jenoptik AG, Jena**  
**Königsee Implantate GmbH, Allendorf**  
**Mathys Orthopädie GmbH, Mörsdorf**  
**NTI - Kahla GmbH Rotary Dental Instruments, Kahla**  
**Occlutech GmbH, Jena**  
**Otto Bock Mobility Solutions GmbH, Königsee**  
**rmw Kabelsysteme GmbH, Crossen an der Elster**  
**Röchling Medical Solutions SE, Neuhaus am Rennweg**  
**Siemens Healthcare GmbH Röntgenwerk Rudolstadt, Rudolstadt**  
**Vivisol Deutschland GmbH, Kundenservicezentrum Arnstadt**

### Your LEG Service

Our consulting services are free. Simply set an appointment with our friendly investor service team.

### State Development Corporation of Thuringia (LEG Thüringen)

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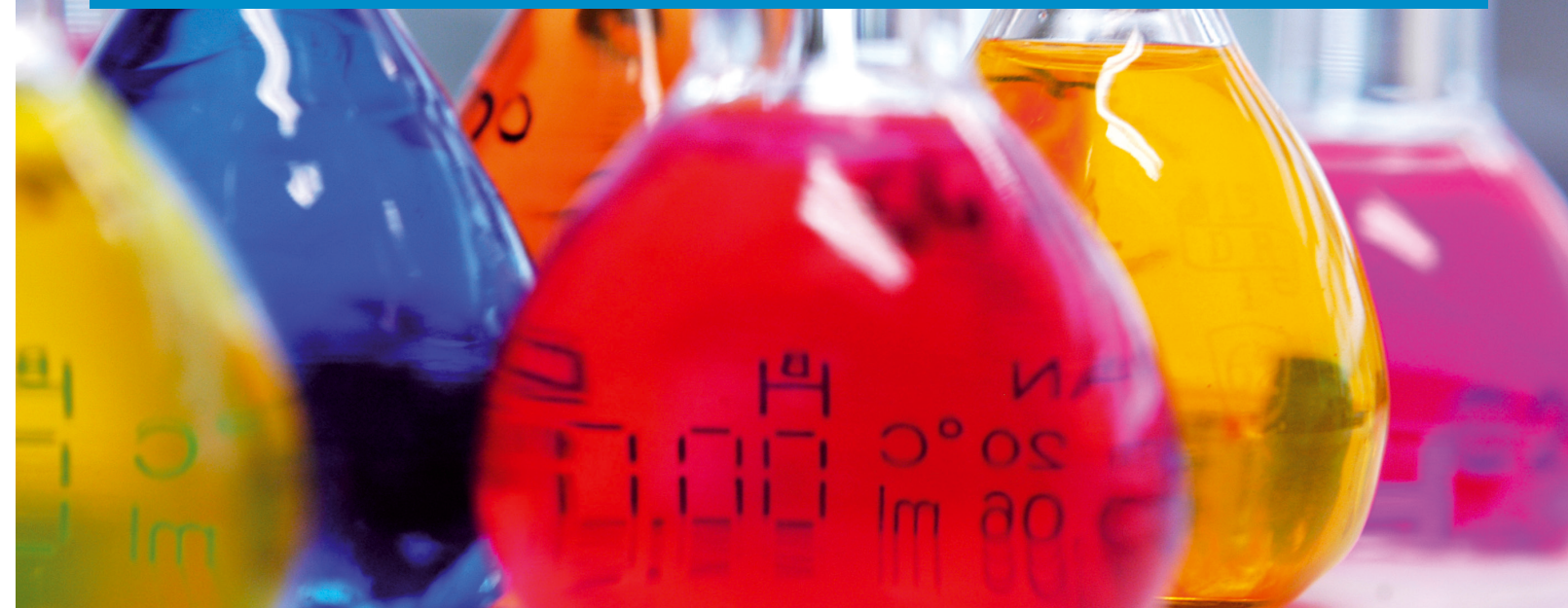
Picture credits: ©Analytik Jena, ZEISS, Dyomics, JENOPTIK, microfluidic ChipShop, Gettyimages/ Anthony Lee

Version 10/2024



# Life Sciences.

Thriving industry in Germany's heartland.



Thuringia has always been at the forefront of the life sciences. It brought forth the mercury-free thermometer, X-ray tube and microscope. Today, the use of photonic technologies enables major advances in the diagnosis and treatment of infections.

### Core competencies in the Life Sciences sector:

#### Medical technology

- › Minimally invasive technology
- › Medical laser applications
- › Medical systems in ophthalmology and endoprosthetics
- › Implants and biomaterials
- › Medical measurement and sensor technology

#### Biotechnology

- › Functional genome research
- › Diagnostics
- › Functionalization of interfaces
- › Miniaturized and highly parallelized analysis systems
- › Food technology
- › Red and green biotechnology

#### Pharmaceuticals

- › Development and production of innovative therapeutic agents
- › Development and production of dressing materials
- › Production of sterile pharmaceuticals
- › Production of solid and liquid pharmaceuticals

### Life sciences in Thuringia at a glance:

- › 530 companies\*
- › 24,500 employees\*
- › around 6,000 students at 3 universities
- › 2 technology centers and incubators
- › 43 hospitals
- › 10 research institutions and development service providers

### Seize the opportunities our region offers.

Benefit from a world-class research infrastructure, highly skilled workers and a prime location in Europe's heartland.

We provide full-service support for any investment project – from site search to project implementation and future expansions. Please contact us.

[www.invest-in-thuringia.de/en/industries/life-science/](http://www.invest-in-thuringia.de/en/industries/life-science/)



Source: \*UTD – LEG Company and Technology Database





## Sought-after specialists with great ideas.

Thuringia boasts longstanding expertise in optics and photonics enabling fruitful synergies with the life sciences.

### Academic training

The **Friedrich Schiller University Jena** is Thuringia's biggest university that offers top-class interdisciplinary research along its three profile areas LIGHT – LIFE – LIBERTY. In the life sciences, the university's strengths lie in microbiology, infection biology, biodiversity, bio-geo interactions and aging research.

At the **Jena University Hospital** scientists work both in the field of fundamental biomedical research and in patient-related clinical research. Its 26 clinical centers and 25 institutes provide care for 53,000 in- and 275,000 outpatients per year, as well as teaching for 2,500 students of medicine, dentistry, molecular medicine and medical photonics.

The **Ernst-Abbe-Hochschule Jena** is Thuringia's largest and most research-intensive University of Applied Sciences with a long tradition in optometry, ophthalmic optics and medical technology. In addition, biotechnology, health and nursing are among its focus areas.

The **Technische Universität Ilmenau** is a research-strong university that is committed to basic and applied research in designated areas such as functional materials and technologies and intelligent sensing and precision metrology which are used in a variety of ways in the life sciences.

### Training, further education

Vocational and technical schools in Thuringia offer training for the following professions:

- › Biology/Physics/Chemistry laboratory technician
- › Medical laboratory assistant
- › Microtechnologist
- › Precision optician



*“Jena is the high-tech and science city in Thuringia and we want to be an attractive co-operation partner for business and science. This is why ZEISS is investing in Jena as its founding location, which is also one of the leading innovation locations for ZEISS Medical Technology.”*

**Justus Felix Wehmer**  
CFO Carl Zeiss Meditec AG

## Jena's Beutenberg campus.

In keeping with its motto „where life science meets physics“, 3,000 scientists work in Thuringia's most internationally acclaimed location for research and development.

At the Beutenberg campus in Jena scientists and experts in numerous university- and non-university-based institutes as well as in 50 young biotechnology and medical technology enterprises make discoveries and blast new trails.

Jena's Beutenberg campus is home to:

- › Fraunhofer Institute for Applied Optics and Precision Engineering
- › Leibniz Institute for Age Research – Fritz Lipmann Institute (FLI)
- › Leibniz Institute for Natural Product Research and Infection Biology – Hans Knöll Institute (HKI)
- › Leibniz Institute of Photonic Technology (IPHT)
- › Leibniz Center for Photonics in Infection Research (LPI)
- › Max Planck Institute for Biogeochemistry (MPBGc)
- › Max Planck Institute for Chemical Ecology (MPCE)
- › Friedrich Schiller University Jena – Center for Molecular Biomedicine
- › Friedrich Schiller University Jena – Center for Innovation Competence (ZIK) Septomics
- › Friedrich Schiller University Jena - Cluster of Excellence “Balance of the Microverse”
- › Jena University Hospital of the Friedrich Schiller University – Section Experimental Virology, Institute for Medical Microbiology
- › BioInstrumentation Center
- › Technology and Innovation Park Jena

### Further research institutions in Thuringia

Reap the benefits of an environment that uniquely combines competencies in biology, chemistry, physics, medicine, biotechnology and microsystems technology.

- › Institute for Bioprocessing and Analytical Measurement Techniques (iba), Heilbad Heiligenstadt
- › Research Center for Medical Technology and Microbiology (fzmb), Bad Langensalza
- › Institute of Biomedical Engineering and Informatics (BMTI), TU Ilmenau
- › Institute of Chemistry and Biotechnology, TU Ilmenau
- › Fraunhofer Center Erfurt with focus on Life Sciences applications, Erfurt
- › ThIMEDOP - Thuringian Innovation Center for Medical Engineering Solutions, Jena

### medways

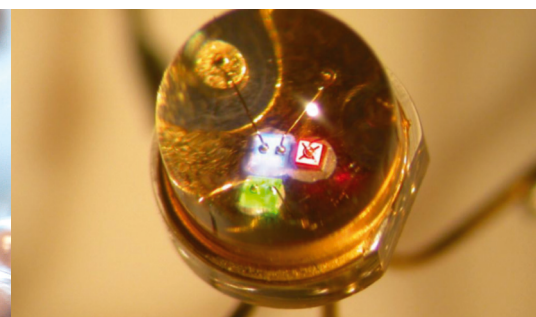
medways e. V. is a Jena-based association of leading German research institutions, manufacturers and universities that aims to develop new ophthalmological diagnostic and therapeutic techniques as well as medical devices for the global market. Medways advises companies at all stages of research, product development and commercialisation.

### InfectoGnostics

The InfectoGnostics research campus in Jena is a public-private partnership breaking new ground in the diagnosis of infections. More than 30 partners from science, medicine and industry are jointly developing novel solutions for the rapid and cost-effective on-site diagnosis of infectious diseases. With the help of innovative photonic and molecular biological methods, promising solutions from basic research are transferred more quickly into market-ready products and diagnostic routine.

### Thuringian Pharmaceutical Community

Here, too, many players such as companies, universities, research institutions and clinics are committed to advancing the development of active pharmaceutical ingredients and technology.



*“The city of Jena/Thuringia suits perfectly with its unique ecosystem of R&D for our company at the interface between life science and precision engineering.”*

**Dr. Claudia Gärtner**, CEO,  
microfluidic ChipShop GmbH

