GUIDE TO CONTRACT RESEARCH IN GERMANY

BIOTECHNOLOGY AND PHARMACEUTICAL INDUSTRY

About Us

Germany Trade & Invest is the foreign trade and inward investment agency of the Federal Republic of Germany. The organization advises and supports foreign companies seeking to expand into the German market, and assists companies established in Germany looking to enter foreign markets.

All inquiries relating to Germany as a business location are treated confidentially. All investment services and related publications are free of charge.

www.gtai.com
Germany’s medical biotechnology industry is one of the world’s largest. In addition to companies that produce their own products, many German firms specialize in working on commission exclusively for pharmaceuticals companies from Germany or around the world.

These companies provide contract research along the entire value chain to support the creation of new therapeutic entities. Finding the right partner with the right set of skills and expertise, however, can pose a daunting challenge, especially for companies from abroad wishing to have some of the development work done in Germany.

Now, Health – Made in Germany, an initiative of the German Federal Ministry for Economic Affairs and Energy (BMWi), is publishing the latest edition of a directory of German contract researchers that are ready and able to work on commission. The initiative is the first place partners from abroad should look to find out how they can tap into and benefit from Germany’s expertise in the field of contract research.

Health – Made in Germany holds the key to accessing the experience of Germany’s medical biotech companies. It provides information, links partners, and paves the way for applying German know-how to serving people around the globe. In addition to helping locate the right partners in Germany, the initiative provides support when it comes to getting cooperative ventures up and running as well.

Health – Made in Germany’s program focal points are pharmaceuticals, medical biotechnology, medical technology and telemedicine and health-related services. These sectors are represented in the initiative’s four working groups. Through these, Health – Made in Germany cooperates closely with specialists from the respective sectors.

Another feature of Health – Made in Germany is its English-language website www.health-made-in-germany.com. The site features news, information and the latest on exhibitions, trade missions, and what is going on in German health care. Taking the initiative to find out more from Health – Made in Germany is as easy as clicking a mouse. Please get in touch.

Germany Trade & Invest (GTAI) is implementing the initiative as commissioned by Germany’s Federal Ministry for Economic Affairs and Energy. GTAI is the economic development agency of the Federal Republic of Germany and works in cooperation with organizations that represent German industry, including health care.
PHARMACEUTICAL CONTRACT RESEARCH AND DEVELOPMENT IN GERMANY

Outsourcing of research services has become a major option for pharmaceutical companies that are involved in the complex business of drug development. Challenges such as the expiry of blockbuster patents, competition from generics and biosimilar equivalents, the shift to precision medicines, as well as drug pricing pressures have driven pharmaceutical and biotechnology companies to increase their efforts in the hunt for new and smarter approaches to drugs and diagnostics development. Today, companies frequently put outsourcing strategies in place to speed up the overall process and to increase the efficiency of drug development. Furthermore, pharma and biotechnology companies are reshaping the drug development services industry by building new partnerships for their research and development. Germany – the top pharma market in Europe and number four worldwide – is also a heavyweight in medical biotechnology. The picture today is of a vital and highly diversified contract research landscape, covering all the stages in drug development and value creation. The range of advanced high technologies on offer and an excellent biomedical research and clinical infrastructure makes the German market truly unique.

Services Provided along the Value Chain
A contract research organisation is a service organisation or company that provides support in the form of research services to the pharmaceutical and biotechnology industries. These are typically outsourced on a contract basis, and can take in services such as target validation, lead optimisation including delivery technologies, ADMET studies, bioanalytics, and clinical trials management. This approach sees an active role for a range of contract research providers along the complete value chain in drug discovery and development. Biomanufacturing – the industrial production of biopharmaceuticals – is covered in the German Biomanufacturing Guide published by Germany Trade & Invest in 2014, and is not included in the selection outlined here.

The path to a newly approved drug generally takes place in six distinct steps, all of which are covered in this guide. Drug discovery research encompasses four subsequent steps: target discovery, target validation, hit identification, and lead optimisation. An early step is the identification of the drug target, a molecular...
structure that is involved in a disease or condition and which can be accessed using active substances. Subsequent drug discovery describes the process of finding a chemical or biological substance that alters the action of the drug target in a manner that improves the medical condition. Drug discovery is often a trial-and-error process in which fully automated systems are employed to perform screenings of millions of drug candidates. Lead compounds isolated in this procedure are typically tested for their pharmacology, and sometimes chemically modified to improve tolerability in the human body. Further drug development can then be split into two main stages: preclinical studies and the all-important clinical trials. Many companies active in contract research services cover more than one of these stages.

The majority of the 124 German contract research providers presented here fall into the category of small and medium-sized enterprises (SME). Not all companies exclusively offer research services — many carry out their own drug research and development but also offer contract research services as a side activity.

Scope of this Directory
The compilation of companies in this guide mirrors the multifaceted nature of the research services offered in Germany. For example, some firms are focused on the synthesis of biomolecules, such as DNA, RNA, peptides, or the synthesis of small chemical molecules — all vital stages in pharmaceutical development. Others are specialised in the analysis of such molecules, which involves the characterisation of structure, function, and expression. Screening for potential drug candidate molecules is another priority area for contract research service providers. Drug target discovery and the molecular modelling of substances necessarily involves bioinformatics or cheminformatics. Other companies are occupied with the pharmacologic characteristics of active substances towards an improved understanding of the efficacy and toxicology of drug candidates. Another extremely important area is preclinical studies: highly specialised cell culture and animal models are being employed to elucidate a new drug candidate’s uptake, metabolisation, excretion and toxicity. Finally, clinical research organisations (CROs) organise and manage clinical studies from phase I to phase III, and secure clinical trial monitoring, thereby delivering the much needed information basis that is required for approval. These studies are the last and most crucial step in drug development, and for this reason clinical research services are also included in this guide.

The guide in your hands illustrates the versatility and strength of the German contract research landscape. We hope it will be of assistance in connecting you with the services and expertise needed for your own drug development, and we wish you good luck in your efforts.

This guide mirrors the multifaceted nature of the research services offered in Germany.«
COMPANY AND TECHNOLOGY OVERVIEW
The table below gives an overview of the contract research providers that are listed in this directory and their respective technology profile. Services and technologies offered by the individual company are marked with a circle. Detailed profiles of the companies can be found on pages 14 to 75.

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COMPANY PROFILES
3B Pharmaceuticals GmbH (3Bp) is a German biotechnology company developing targeted radiopharmaceutical drugs and diagnostics for oncology indications with a high unmet medical need. As a leader in peptide discovery and optimization, 3Bp has built a technology platform extending from hit identification to early clinical development. Technologies are applied to both in-house and collaborative R&D.

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info@2bind.de
www.2bind.de

From Stability to Affinity
2bind GmbH is a service provider in the field of biophysical analyses. Our customers mainly work in the fields of drug development, aptamer generation, and antibody discovery. We analyze protein stability using the nanoDSF technology, a novel label-free method that allows to determine the melting temperature of a target protein in a precise manner with freedom of buffer and low sample consumption.

nanoDSF Assay formats are: buffer screening assays, detergent screening assays and long term storage assays. In addition, we offer molecular interaction analyses based on the innovative Microscale Thermophoresis Technology (MST), a method that allows to study any kind of molecular interaction in solution with free choice of buffer. Our MST platform is optimized in terms of speed, sample consumption, and cost-efficiency. Microscale Thermophoresis assay formats are: binding assays, library screening assays, competition assays and assays with multiple binding partners.

3B Pharmaceuticals GmbH
Magnusstr. 11 | 12489 Berlin
T +49-30-6392-4317 | F +49-30-6392-4316
info@3b-pharma.com
www.3b-pharma.com

3B Pharmaceuticals GmbH (3BP) is a German biotechnology company developing targeted radiopharmaceutical drugs and diagnostics for oncology indications with a high unmet medical need. As a leader in peptide discovery and optimization, 3BP has built a technology platform extending from hit identification to early clinical development. Technologies are applied to both in-house and collaborative R&D.
**ABX-CRO advanced pharmaceutical services**
Blasewitzer Str. 78–80 | 01307 Dresden
T +49-351-2144-40 | F +49-351-2144-415
info@abx-cro.com | www2.abx-cro.com

ABX-CRO is a globally operating clinical research organization with a strong focus on pre-clinical and clinical molecular imaging and molecular radiotherapy.

Based on over 15 years of experience in diagnostic and therapeutic oncology, neurology and other disease areas, ABX-CRO provides you with unique opportunities to test your drug candidates in complex pre-clinical disease models which can be assessed quantitatively using molecular and functional imaging (PET, SPECT, CT, MRI). We translate pre-clinical results into First in Man studies and support you with design and execution of efficient late stage clinical trials, minimizing your costs and time to marketing authorization. ABX-CRO makes translational medicine a visible reality.

Founded: 2002 | Employees: 85

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T +49-30-9489-2116 | F +49-30-9489-2117
ilka.renneberg@biognostic.de
www.biognostic.de

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- Cost-efficient & transparent
- Milestone dependent project work and payment schedules
- Certified production facilities in Berlin, Germany

Founded: 2000 | Employees: 10

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**bionagnost**
Across Barriers GmbH
Science Park 1  |  66123 Saarbrücken
T +49-681-95918-800  |  F +49-681-95918-802
sales@acrossbarriers.de
www.acrossbarriers.de

We are GMP/GLP certified and FDA audited. Our services include but are not limited to:
- Physicochemical characterization (A toolbox spanning from rapid screening protocols to methods according to guidelines)
- In-Vitro drug pharmacokinetics (DPK):
  - Permeability (standardized and custom assays),
  - Investigation of transport mechanisms,
  - Risk assessment and more
  - “In-Vitro Bioequivalence” concept is helping companies to avoid or reduce clinical studies
- Our Models include Dermal, Gastrointestinal, Blood Brain Barrier, Pulmonary, Buccal or Nasal, Ocular, Ungual, and other barriers.

Founded: 1998  Employees: n/a

Analytical services including:
- Chromatographic method development and validation
- Bioanalytics
- Method development, adaptation, transfer and optimization
- Stability indication methods (ICH principles)

GMP Services including:
- Stability testing and proof of drug products
- Preformulation screening
- Consulting and document preparation

Accleroro Bioanalytics GmbH
Volmerstr. 9A  |  12489 Berlin
T +49-30-610-910-307
service@accelero-bioanalytics.com
www.accelero-bioanalytics.com

accelero Bioanalytics GmbH is a GLP certified privately held contract research organization (CRO) with headquarters in Berlin. Main focus is the marketing of bioanalytical services for research-based pharmaceutical and biotechnology companies. The service team develops and validates custom-made bioanalytical testing methods as requested for the characterization of novel drugs or therapies prior to an authorization procedure.

After its foundation in 2011, followed by an intermediate phase of establishment, the company opened new laboratory facilities in February 2015 in Berlin Adlershof. The laboratories are approved for projects of the genetic engineering safety level S2. For processing human pathogen projects the company was granted a permission according to Section 49 German Infection Protection Act. Since 01 October 2015, all projects can also be covered by a quality assurance program which fully complies with the principles of Good Laboratory Practice (GLP).

Founded: 2011  Employees: n/a
Alcedis GmbH
Winchesterstr. 3 | 35394 Gießen
T +49-641-9443-60 | F +49-641-9443-670
info@alcedis.de
www.alcedis.de

Alcedis GmbH stands for long years of CRO experience and profound expertise in the conduct of clinical trials. One focal point distinguishing Alcedis is our innovative software AlcedisTRIAL that constitutes a centrepiece of the Alcedis trademark.

With our offices in Gießen, Hamburg and New York we offer a full service portfolio and successfully conduct phase [I], II-IV clinical studies as well as non-interventional studies in various indications on a global platform. Classical CRO services provided are Scientific Consulting, Clinical Project Management, Monitoring, Medical Writing, Regulatory, Data Management, Pharmacovigilance and Biometrics.

Our module-based service concept adjusts itself flexibly to your project structure. Likewise individually adapted are our data entry and software systems.

Founded: 1992       Employees: 120

Aldevron Freiburg GmbH
Waltershofener Str. 17 | 79111 Freiburg
T +49-761-45636-0 | F +49-761-45636-29
antibody@aldevron.com
www.aldevron.com

Aldevron is a globally operating company and provides contract manufacturing and scientific services for antibody generation (Aldevron Freiburg), protein (Aldevron Madison) and plasmid DNA production (Aldevron Fargo). Aldevron Fargo manufactures DNA for a wide range of research, preclinical, clinical, and diagnostic applications and has developed unsurpassed expertise in this field. Several protein services are offered at Aldevron Madison. The Proteins produced are used for a wide range of agriculture and biomedical applications from research grade to full cGMP. Aldevron Freiburg (formerly GENOVAC) has applied the GENOVAC genetic immunisation technology for over 17 years. Aldevron’s custom antibodies have been referenced in numerous publications and patents. Complementary services at Aldevron include protein or peptide immunisation, antibody production and purification, antibody processing, characterisation and sequencing.

Founded: 1999       Employees: 120
AMP-Lab GmbH
Becherweg 9-11 | 55128 Mainz
T +49-6131-26345-70 | F +49-6131-3354-22
info@amplab.de
www.amplab.de

AMP-Lab is an independent laboratory for applied biological research in physiology and biochemistry. Our expertise and facilities meet special services and products, currently available on five different levels of physiology: enzymes, metabolism, physiological liquids, semen analysis and angiogenesis.

We consult in individual questions on physiology. For solving your particular problem, time-limited research programs are offered on your request.

Founded: 2003 Employees: 6

Allied Clinical Management GmbH
Hamburger Str. 14 | 16341 Panketal
T +49-30-240-4788-0 | F +49-30-240-4788-19
info@allied-clinical.com
www.allied-clinical.com

Since its founding in 2004, Allied Clinical Management GmbH has been conducting medical device and pharmaceutical product clinical trials ethically, reliably and efficiently. A commitment to long term partnerships with sponsors enables it to deliver clinical data of superior and consistent quality.

As a member of the MEDIS RESEARCH GROUP, Allied Clinical Management provides the following services for prospective clinical trials:

- Planning and Designing of Translational Studies and Clinical Trials
- Scientific Consulting
- Trial Management

Founded: n/a Employees: n/a

Allied Clinical Management
Allied CLINICAL MANAGEMENT

Our laboratory is fully equipped for physiological and biochemical analyses. Our close cooperation with institutes for physiological and biochemical research is a guarantee of our up-to-date knowledge and techniques.
AmpTec GmbH
Koenigstr. 4A | 22767 Hamburg
T +49-40-636747-22 | F +49-40-636747-19
info@amp-tec.com
www.amp-tec.com

AmpTec is an internationally leading provider of RNA technology products, including RNA isolation and mRNA amplification kits, synthetic long RNAs and DNAs as well as functional mRNAs and dsRNAs.

We are committed to direct and flexible customer interactions with life science industries and academic research institutions around the world, including on-site technical support.

We deliver quality of the finest international standards.
- High quality provider of IVT-RNAs since 1998
- Provider of synthetic nucleic acids for worldwide leading companies in the field of molecular diagnostics and biotechnology and pharmacogenetics

Founded: 2005       Employees: 10

The Reference Center of Amyloid Diseases amYmed (www.amymed.net) specializes in the diagnosis and analysis of amyloid and amyloidosis; offering three types of analytical service. We can provide physicians with a highly sensitive diagnosis at even the earliest stages of amyloidosis and a precise, fast classification of amyloid and amyloidosis, based on their submitted tissue samples. This method can detect the earliest stages of amyloidosis, which is important for enabling efficient early therapy before organ damage occurs. Our reference center, amYmed, can provide physicians with appropriate panels of amyloid antibodies, so they can classify the amyloids on tissues of their own patients in their institution, using their own immunohistochemistry facilities. We also offer training courses for the efficient use of these antibodies concerning all aspects of diagnosing the various amyloids and other protein storage diseases, and we gladly participate in scientific co-operations.

Founded: 2005       Employees: 4
**ASCA GmbH**  
Magnusstr. 11 | 12489 Berlin  
T +49-30-6392-2070 | F +49-30-6392-4103  
asca@asca-berlin.de  
www.asca-berlin.de

ASCA provides the pharmaceutical industry, crop protection and biotech companies with a partner for the synthesis and optimisation of lead structures. We supply novel and practicable solutions for the development of new active structures, and check these on a laboratory scale. ASCA offers an extension of our partners’ preclinical research capacity. The cooperation is characterized by close contact and regular progress reports.

Furthermore we are well experienced in the preparation of reference substances and labelled analytical standards.

Founded: 2000      Employees: 25  

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**Antiinfectives Intelligence GmbH**  
Von-Liebig-Str. 20 | 53359 Rheinbach  
T +49-2226-908-911 | F +49-2226-908-918  
info@antiinfectives-intelligence.de  
www.antiinfectives-intelligence.de

We carry out microbiological research

Microbiological safety  
- Testing of the efficacy of preservatives used in pharmaceuticals  
- Testing of the microbiological quality of medications with and without preservatives  
- Testing of the microbiological safety of medicinal products  
- Investigation of the microbiological stability of products (shelf life) during simulation models

In-vitro activity of antibiotics  
- Determination of the in-vitro efficacy of antibiotics  
- Determination of the pharmacodynamics of antibiotics in an in-vitro model  
- Investigations of the development of the resistance of bacteria to antibiotics

Resistance surveillance studies  
- Planning, organization, carrying out and evaluation of resistance surveillance studies  
- Preparation of final reports and publications of external resistance surveillance studies

Founded: 2000      Employees: 10  

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**COMPANY PROFILES**
ATLAS Biolabs GmbH
Friedrichstr. 147 | 10117 Berlin
T +49-30-3198966-0 | F +49-30-3198966-19
customer-support@atlas-biolabs.com
www.atlas-biolabs.com

ATLAS Biolabs is a leading European service provider of complex analyses in molecular genetics, including next generation sequencing, microarray analyses supplemented by high-level data analyses support and RNA/DNA isolation from biological specimens. Founded in 2006 as a spin-off of the German Resource Center for Genomics and the Cologne Center for Genomics. The company’s services are certified by Affymetrix, Agilent, and NimbleGen. Customers include academic institutions, pharmaceutical and biotechnological companies as well as clinicians and registered doctors. It has great experience to manage large projects. We can guarantee GCP compliance, as our laboratory staff has been trained on GCP and we are following guidelines of the Medicines and Healthcare products Regulatory Agency (MHRA). ATLAS fulfills the requirements for design and manufacturing in vitro diagnostic medical devices according to ISO 13485:2012/AC:2012. Quality management is organized according to ISO 9001:2008.

Founded: 2006       Employees: 14
**Baltic Analytics GmbH**
Walther-Rathenau-Str. 49a | 17489 Greifswald
T +49-3834-515-620 | F +49-3834-515-622
info@baltic-analytics.de
www.baltic-analytics.de

Baltic Analytics is a service analytics laboratory for natural compounds, synthetic drugs, phyto pharmaceutics with special know how at analytics of complex substance mixtures. Wide experience has made us to experts in modern analytics, metabolomics, proteomics, transcriptomics and bioactivity testing.

Our service comprise: Structure analytics of complex bio molecules, investigation of metabolite mixtures, structural and biological characterisation of single substances in mixtures of organic compounds.

Founded: 2007          Employees: 2

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**Axiogenesis AG**
Nattermannallee 1 / S 20 | 50829 Köln
T +49-221-998818-0 | F +49-221-998818-10
info@axiogenesis.com
www.axiogenesis.com

Axiogenesis' aim is to bring the most physiological cell and tissue models to market. To do this Axio develops tissue specific cells through differentiation and selection of iPSC cells through proprietary technology. The applications are developed and validated at Axiogenesis: MEA, APC, MPC, Calcium transient analysis and impedance analysis. A particular focus are disease models for hypertrophic cardiomyopathy and neurodegenerative disease. Axio provides complete FTO for commercial use including the Yamanaka patents (unlicensed from iPSC Academia) and the Geron Patent portfolio (in-licensed from GEHC).

In the cardiac field Axiogenesis has developed Human iPSC derived cardiomyocytes Cor.4U and ventricular cardiomyocytes CorV.4U and cardiac fibroblasts.

**In the neuronal field:**
- Peri.4U Peripheral neurons
- Dopa.4U Dopaminergic neurons
- CNS.4U Neural mix representing the CNS and Astro.4U Astrocytes.

Cells in development: Sensory Neurons, Smooth Muscle, Atrial cardiomyocytes

Founded: 2000  Employees: 30
Bicoll GmbH
Richard-Riemerschmid-Allee 27 | 81241 München
T +49-89-820-106-30 | F +49-89-529-178
info@bicoll-group.com
www.bicoll-group.com

Bicoll is a biopharmaceutical company with outstanding expertise in high tech natural product chemistry and validated experience in medicinal chemistry focused on preclinical support in drug discovery. Bicoll provides a small molecule drug-like compound library from endemic Asian plants with enhanced probability of biological activity. A major technological focus is set on making compounds from natural resources [plants] compatible with the clients screening systems. The robust technology allows to serve biological screening approaches as well as biochemical high-throughput-screening set-ups.

Bicoll uses its technology platform for a rapid selection of the best leads with superior drug like plant Profiles™ for further development cycles. Subsequent medicinal chemistry and custom synthesis complete seamless substantial services for the global pharmaceutical and biotech industries increasing the quality and quantity of the [drug] discovery pipeline of partner’s candidates portfolio.

Founded: 2000       Employees: 30

Target Discovery | Target Validation | Hit Identification | Lead Optimisation | Preclinical Studies | Clinical Trials

Biaffin GmbH & Co KG
AVZ 2, Heinrich-Plett-Str. 40 | 34132 Kassel
T +49-561-8044-668 | F +49-561-8044-665
info@biaffin.de
www.biaffin.com

Biaffin is an ISO 9001 certified company offering services in biomolecular interaction analysis with expertise and knowledge in the application of biosensors based on surface plasmon resonance [SPR] to kinetically characterize any pair of interacting molecules in real-time. Well equipped with several SPR Biacore instruments Biaffin assures performance of projects in a professional and timely manner.

Biaffin’s SPR services are applied in various stages of drug development like fragment-based and confirmatory, secondary screening, hit validation, lead optimization and ADME studies. In biopharmaceutical development Biaffin offers kinetic characterization, stability analyses and batch to batch comparison of therapeutic antibodies, biologics and biosimilars. SPR studies on specificity, selectivity, mechanism of action and thermodynamics are performed as well. Besides SPR services Biaffin offers biochemical assays based on microfluidic mobility shift technology [MMSA] and bioluminescence.

Founded: 2001       Employees: 7

Target Discovery | Target Validation | Hit Identification | Lead Optimisation | Preclinical Studies | Clinical Trials
Biomax Informatics AG
Robert-Koch-Str. 2  |  82152 Martinsried
T +49-89-895574-0  |  F +49-89-895574-825
info@biomax.com
www.biomax.com

Biomax provides computational solutions for better decision making and knowledge management in the life science industry. Biomax helps customers generate value from proprietary and public resources by extracting the knowledge indispensable for efficient data exploration and interpretation. They focus on integrating information to enable a knowledge-based approach to develop innovative life science products and improve healthcare.

The company supports its customers with the BioXM platform that combines software products with knowledge resources, including oncology, nutrigenomics, plant research and functional genomics. Biomax’s worldwide customer community includes companies and research organizations that are successful in the areas of drug discovery, diagnostics, healthcare, fine chemicals, food and plant production.

Founded: 1997   Employees: n/a

Bioassay GmbH
Im Neuenheimer Feld 515  |  69120 Heidelberg
T +49-221-43388-910  |  F +49-6221-43388-99
info@bioassay-online.de
www.bioassay-online.de

Bioassay GmbH is an independent contract laboratory, specializing in the development, validation and routine performance of bioanalytical assays in the area of Pharmacology and Toxicology.

We carry out qualified analytical services on the sound basis of our GMP & GLP certification, which provides an excellent framework for successful projects and routine bioanalysis. Bioassay GmbH is specialized in the development, validation and execution of biological assays within the framework of development & quality control of pharmaceutical and chemical products.

Our portfolio contains 4 focus areas:
- BioPharma Potency
- BioPharma Efficacy
- BioPharma Safety
- Chemicals / Cosmetics Safety

In our in-vivo and in-vitro facilities we are running state-of-the-art-equipment and our analytical experts will welcome you to visit us in our laboratories located directly in the Heidelberg Technology Park (Germany).

Founded: 2002   Employees: 25
Bioscientia
Konrad-Adenauer-Str. 17 | 55218 Ingelheim
T +49-6132-781-215 | F +49-6132-781-321
clinicaltrials@bioscientia.de
www.bioscientia-clinicaltrials.com

The Bioscientia Institute for Medical Diagnostics GmbH – founded in 1970 – is an international service provider in Ingelheim near Frankfurt, Germany.

As a modern industrial organisation, Bioscientia has been one of the leading medical diagnostics laboratories in Europe for years. It offers a wide range of services from the fields of laboratory medicine, microbiology and human genetics.

Bioscientia’s central laboratory for clinical trials has supported several hundreds of clinical development projects over the last 25 years. Our customers in the area of clinical research include pharmaceutical companies, medical device manufacturers, CROs, health authorities and universities.

Founded: 1970       Employees: 1000

biometec
Walther-Rathenau-Str. 49a | 17489 Greifswald
T +49-3834-515-620 | F +49-3834-515-622
witt@biometec.de
www.biometec.de

The company is engaged in the development, production and distribution of research products for infection biology especially CD14, LBP and antibodies. In addition, biometec offers a variety of laboratory and immunobiological services, generation of monoclonal and polyclonal antibodies, as well as in assay development, cell culture, animal studies, and immunological studies.

Founded: 1992       Employees: 3
**BIOSYNTHAN GmbH**

Robert-Rössle-Str. 10 | 13125 Berlin  
T +49-30-9489-3498 | F +49-30-9489-3497  
biosyntan@biosyntan.de  
www.biosyntan.de

BIOSYNTHAN GmbH was founded in 1997 as a scientific service company, focused on custom synthesis of peptides. A rising interest of our customers in modified peptides has prompted us to develop new methods for the manufacturing of such compounds. As one of the leading specialists in the synthesis of linear and cyclic peptides with unusual residues and a multitude of modifications we can offer you an extensive range of services today. Our core area is the manufacturing of fluorescently labeled peptides for assay development and the synthesis of posttranslational modified peptides.

**BIOTREND CHEMIKALIEN GmbH**

Eupener Str. 157 | 50933 Köln  
T +49-221-94983-20 | F +49-221-94983-25  
jaeger@biotrend.com  
www.biotrend.com

After more than a decade of experience in sales and marketing of research products for “Life Science Research”, Werner Hassler, Switzerland, and Gunther Jaeger, Germany founded the Cologne based BIOTREND Chemikalien GmbH in May 1988.

BIOTREND was instigated in order to meet the growing demand from customers for an independent and technologically orientated distribution facility offering high quality, yet cost-effective products for biochemical, immunochemical and pharmaceutical research, offering Conjugation Service, Custom Antibody Production, Peptide Libraries and Peptide Syntheses, [125I] Iodination Service, and [3H] Tritiation Service.
BLS Laboratories

Bitterfelder Str. 19 | 12681 Berlin
T +49-30-3230-4291 | F +49-30-3230-4292
info@bls-germany.com
www.bls-germany.com

BLS Laboratories provides a full range of preclinical experimental services in laboratory animals for pharmaceutical and medical device companies from early-stage product development to the issuing of expert reports. BLS’s customers may select a complete preclinical package solution, order any services separately, or alternatively, make demands on Rental Vivarium Services. With a multitude of preclinical testing expertise in pharmaceuticals and medical devices, a state-of-the-art facility, and a network of strategic partnership with several modern clinics and labs, BLS is the contract research organization of premium choice for in-vivo pharmaceutical and medical device testing. Explorative research, studies on behalf of development of active agents, bio-pharmaceuticals or medical devices, BLS has an experimented and well-respected team and excellent scientists for the accomplishment of research according to national and international directives.

Founded: 2007  Employees: 10

CeGaT GmbH

Paul-Ehrlich-Str. 23 | 72076 Tübingen
T +49-7071-565-4400 | F +49-7071-565-4422
info@cegat.de
www.cegat.de

Genetic diagnostic services: Panel Diagnostics, Tumor Diagnostics, Single Gene Testing, Exome Diagnostics, Array-CGH etc.

Molecular Diagnostics: Genetic testing of single genes (PCR, qPCR,Sanger-Sequencing, Deletion Analysis, etc.), interpretation of data, issuing of a medical report.

Next-Generation Sequencing (NGS): Sequencing of genomes, exomes, transcriptomes, etc. on Illumina HiSeq 2500, full bioinformatic analysis.

Diagnostic Panels: Parallel sequencing of all genes related with a certain disease via NGS, analysis of data, issuing of medical reports.

Available Panels: Blood & Immune Disorders, Brain Development Disorders, Cardiac Diseases, Ciliopathies, Connective Tissue Disease, Epilepsy & Migraine, Eye Diseases, Hearing Loss, Ion Channel Diseases, Kidney Diseases, Metabolic Diseases, Mitochondriopathies, Neurodegenerative Diseases, Neuromuscular Diseases, RASopathies, Skeletal Disorders, Skin Diseases, and Tumor Syndromes.

Founded: 2009  Employees: 110
Cellasys GmbH – R&D
Ohmstr. 8 | 80802 München
T +49-30-9489-2350 | F +49-30-9489-2351
info@cellasys.com
www.cellasys.com

Cellasys offers system solutions for online analysis of living cells. These include services such as research and development, production and maintenance of cell-based assays. Furthermore, we are consultants for development of applications, data analysis, and data interpretation.

The cell-based assays monitor different parameters directly at living cells. These parameters are extracellular acidification (pH), cellular respiration (pO2), and morphology (impedance) of the cells.

Development services from scratch to the clinical phase – optimization of reaction conditions, development and validation of purification and analytical methods, consistency runs, generation of reference standards, stability studies according to ICH.

Contract manufacturing of activated PEGs, PEG-drug conjugates, and small molecule drugs – Proof-of-concept material, production of activated PEGs based on GMP, tailor-made PEGs or other polymers.

Founded: 2007      Employees: 5

Cellares GmbH
Building D80, Robert-Rössle-Str. 10 | 13125 Berlin
T +49-30-9489-2350 | F +49-30-9489-2351
info@celares.com
www.celares.com

The conjugation of drug molecules is an established tool for increasing tolerance, efficacy, half-life, or solubility of (bio)pharmaceuticals. Cellares has an unique expertise in PEGylation/conjugation of (bio)molecules and offers customized solutions for conjugation of (bio)molecules as well as process development and contract manufacturing.

Our services include
Feasibility studies – investigation of conjugation strategies, ADC-strategies, screening of different conjugation reagents, preparation and characterization of drug-conjugate test samples.

Development services from scratch to the clinical phase – optimization of reaction conditions, development and validation of purification and analytical methods, consistency runs, generation of reference standards, stability studies according to ICH.

Contract manufacturing of activated PEGs, PEG-drug conjugates, and small molecule drugs – Proof-of-concept material, production of activated PEGs based on GMP, tailor-made PEGs or other polymers.

Founded: 2003      Employees: 16
ChemCon GmbH
Engesserstr. 4b  |  79108 Freiburg
T +49-761-5597-0  |  F +49-761-5597-449
info@chemcon.com
www.chemcon.com

ChemCon is an innovative contract research and manufacturing organization focusing on small-molecule organic and inorganic compounds and polymer chemistry. On demand, we supply customers worldwide with API material for clinical trials, generics, orphan disease APIs, HPAPIs, injectables, controlled substances, reference standards, and all kinds of other fine chemicals.

ChemCon specializes in individual transfer concepts from early-stage development, via validation and scale up, to commercial manufacturing. Distinctive are also our GMP production capacities: from several hundred kilograms down to a few grams per year. With long-term expertise and a fully equipped and GMP-qualified analytical suite, including q-NMR and ICP-MS, ChemCon compiles individual packages to solve complex analytical challenges. Stability studies and regulatory consulting complete our services. ChemCon is ISO certified and has been successfully inspected by the FDA and European health authorities many times.

Founded: 1997       Employees: 78

CellTrend GmbH
Im Biotechnologiepark  |  14943 Luckenwalde
T +49-3371-681-290  |  F +49-3371-681-312
info@celltrend.de
www.celltrend.de

CellTrend is an innovative certified (ISO 9001, ISO 13485) biotech company. We offer the following technologies and services:

- Cell culture assays for drug research (bioactivity assays): Screening, lead optimization, drug development
- Immunoassays: Development of assays for new analytes, immunogenicity testing
- Development of Companion Diagnostics
- Contract analytical service for preclinical and clinical samples
- Development, production and distribution of immunoassays for diagnostic and research
- Consulting: external qualified person, quality management systems

Founded: 1998       Employees: 8

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Chimera Biotec GmbH
Emil-Figge-Str. 76a  |  44227 Dortmund
T +49-231-9742-840  |  F +49-231-9742-844
info@chimera-biotec.com
www.chimera-biotec.com

**Highest-quality – ultra sensitive bioanalytical CRO services**

Chimera Biotec is well aware of the critical role ultra sensitive bioanalysis plays in modern drug development of biologics, biosimilars and biobetters. It is our goal to ensure your success in all phases of drug development providing highly sensitive, accurate and reliable bioanalysis data on-time.

Beside classical ELISA and other platforms we combine immunoassays with exponential PCR read-out in Imperacer, our proprietary Immuno-PCR platform. We can support studies where other CROs fail.

Our research team is highly experienced in the development and validation of ultra sensitive immunoassays. All our services are conducted under strict quality regime and bioanalytical sample testing is available for all needed regulatory demands, up to full GLP-compliant support.

Founded: 2000      Employees: 25

**CONET GmbH**
Amselstr. 25  |  68307 Mannheim
T +49-621-789-7000  |  F +49-621-789-7010
info@conet-gmbh.de
www.conet-gmbh.de

**CONET – Clinical Operations NETwork**
Your European Partner in Clinical Research

CONET GmbH is a private owned, well established full-service CRO (Contract Research Organization) based in Mannheim, Germany. Since 1998, CONET offers clinical trial management service for all phases (1–4). CONET mainly operates in Europe, including CEE countries, and Israel. CONET is committed to high quality, dedicated customer service, integrity and operational excellence.

CONET is a reliable partner for globally and nationally operating companies requiring either single service solutions for regulatory affairs, drug safety and medical affairs, project management, or a full-service solution. CONET’s broad study experience includes cardiovascular, oncology, rheumatology, bone metabolism, metabolic and infectious disease, cell therapy, anemia and pediatric clinical trials.

For more information please contact info@conet-gmbh.de or see www.conet-gmbh.de.

Founded: 1998      Employees: 20
Conreso GmbH
Neuhauser Str. 47  |  80331 München
T +49-89-2366-500  |  F +49-89-2366-5050
info@conreso.com
www.conreso.com

Conreso, established in 1990, BVMA member, offers a wide range of medical and clinical research services, from phase II to late phase and epidemiological studies. Conreso shows an impressive record of successful and significant contributions to important new product licenses. Having recruited more than 30,000 patients between 0 and 17 years of age proves the company’s unique expertise in pediatric trials. Further areas of particular expertise are oncological and vaccine studies. The quality and services of Conreso are awarded by a constant repeat business rate of 90%. The Conreso department of veterinary medicine provides all types of veterinary studies. Conreso has the permission for providing temporary workers.

Founded: 1990       Employees: 20

CPO Cellular Phenomics & Oncology
Berlin-Buch GmbH
Robert-Rössle-Str. 10  |  13125 Berlin
T +49-30-9489-4420
info@cpo.berlin  |  www.cpo.berlin

We’re the scientific experts enabling scientific innovators to successfully develop, prove, and deliver life-saving, game-changing therapeutics.

At cpo, complexity is our specialty. We work scientist to scientist to deliver integrated bioanalytical solutions for your in vitro assay needs. In fact, we excel in some of the most demanding areas of cell culture today – human 3D cell cultures, organoids, and everything else – where extensive, expert-level skill is required.

Our services support all bioanalytical needs from discovery to pre-clinical development under non-GLP, yet spirit-of-GLP SOPs.

Services Include:
- Assay Development
- Assay Qualification
- Assay Validation
- Sample Analysis

Founded: 2014       Employees: 3
CRS Clinical Research Services
Lohmannstr. 2 | 56626 Andernach
T +49-2632-99-2784 | F +49-2632-99-2401
david.surjo@crs-group.de | www.crs-group.de

In 2006 CRS was formed through the merger of three former independent phase I CROs with more than 20 or rather 35 years of experience in clinical pharmacology. Today, more than 300 beds are distributed over six research units in Germany (Kiel, Lübeck, Berlin, Wuppertal, Mönchengladbach & Mannheim) making CRS the leading European CRO in the field of early phase. It has been multiple times audited by various national authorities including the FDA.

CRS offers full-service in phase I to IV to pharma, bio-tech and medical device industries either in an inpatient admission or an outpatient setting. The company conducts the complete range of high-quality clinical trials from FIM to POC trials plus trial specialities like TQT, skin safety, respiratory research, renal/hepatic insufficiency and women’s & men’s health. A centralised department for clinical development and modular services such as monitoring, consultancy, medical writing, clinical data management and biometrics belongs to CRS.

Founded: 2006       Employees: 300
**CSG Clinische Studien Gesellschaft mbH**

Friedrichstr. 180 | 10117 Berlin  
T +49-30-230809-20 | F +49-30-230809-22  
csg@csg-germany.com | www.csg-germany.com

Since its foundation in 1998, CSG as an independent contract research organization has been supporting clients from the pharmaceutical sector, the fields of biotechnology and medical device manufacturing in planning, implementing and analyzing clinical-scientific studies. Due to a long-term experience and the employees’ know-how as well as the usage of state-of-the-art technologies, CSG ensures a cost- and time-effective implementation of projects. The focus lies on both, clinical trials and real-world studies.

CSG as full-service CRO supplements the services offered by the IGES Group synergistically when primary data is required as proof of benefits or safety.

Founded: 1998       Employees: 20

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**CTC North GmbH & Co. KG**

Martinistraße 64, 3. OG | 20251 Hamburg  
T +49-40-524719-0 | F +49-40-524719-199  
info@ctc-north.com  
www.ctc-north.com

CTC North is an independent full service contract research organization (CRO) located on the campus of the University Medical Center Hamburg-Eppendorf (UKE) - a perfect position to provide the entire range of clinical research services and being an ideal partner for the pharmaceutical, biotech and medical device industry as well as for scientists, physicians and University Hospitals.

CTC North operates a state of the art Phase I unit with 35 beds (thereof 10 beds with intensive monitoring capabilities) and conducts clinical trials of all phases with a focus on early phases with 45 highly qualified medical and scientific employees.

Founded: 2005       Employees: 45
EMC microcollections GmbH
Sindelfinger Str. 3 | 72070 Tübingen
T +49-7071-4074-0 | F +49-7071-4074-22
emc@microcollections.de
www.microcollections.de

EMC focuses on the generation and biochemical investigation of biologically and pharmacologically relevant organic compound collections and provides a full range of medicinal, combinatorial and computational chemistry services. Based on bioorganic chemistry, chemical biology and immunochemistry EMC holds a leading position in the areas of methods development and high throughput synthesis of validated compounds. Furthermore, the company provides a powerful spectrum of custom specific peptide- and peptidomimetic synthesis and biochemicals for basic research. Efforts are concentrated to improve the lead finding success rate by rational and random search strategies.

Founded: 1996        Employees: 13

Davids Biotechnologie GmbH
Röntgenstr. 3 | 93055 Regensburg
T +49-941-948-228 | F +49-941-9468119
info@dabio.de
www.davids-bio.de

Cell based assay development and cell based assay services.
Antibody development and antibody production and purifications.

Founded: 1996        Employees: 9
epinamics GmbH
Wachtelstr. 15  |  14195 Berlin
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wolfgang.kehr@epinamics.com
www.epinamics.com

epinamics is a Berlin-based, privately owned research and development company, focusing on an innovative drug delivery technology for dermal and transdermal applications of cosmetic, pharmaceutical and veterinary products. Based on the unique polymer-based and film-forming technology, called Liqui-Patch, epinamics is developing a portfolio of own products where active pharmaceutical ingredients are administered in liquid formulations. The almost invisible Liqui-Patch is flexible in respect to its scope of application, administration, dosage and skin adherence. epinamics is offering its pharmaceutical research and development expertise to support your company in getting innovative technology products to market quickly.

Founded: 2006         Employees: n/a

ENDOTHERM GmbH
Science-Park II  |  66123 Saarbrücken
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info@endotherm.de
www.endotherm-lsm.com

Serving as a contract research organization (CRO), Endotherm Life Science Molecules is a provider of medically relevant compounds for the development of novel small molecule drugs and biomarkers for the development of diagnostic devices.

Particularly, the company provides medicinal chemistry support for the discovery of new drugs to address unmet medical needs. According to rational considerations and including computer assisted tools, focused compound libraries and single compounds for hit-finding, hit-to-lead studies and lead optimizations are designed and synthesized.

Additionally, 3500 “inhouse-made” research chemicals can be selected from a continuously updated catalogue.

Finally, the company has established a technology platform for the synthesis of complex chiral natural products, such as Vitamin D derivatives, to be used in assay design, as compound libraries for screening, references, building blocks or for process research purposes.

Founded: 1999         Employees: 7
Eurofins Genomics is part of the Eurofins Scientific Group, a life science company with over 19,000 employees in around 200 laboratories across 38 countries.

We are focused on providing excellent customer support, together with highest quality services, to ensure that we remain as one of the world’s leading genomic service providers. Our QM/QA-System is ISO 9001 and ISO 13485 (medical devices requirements) certified. As a DNA-testing laboratory we are ISO 17025 accredited and also offer testing services that are compliant to the principles of Good Laboratory Practice (GLP) and Good Clinical Practice (GCP).

Founded: 1990       Employees: 330

We have established an outstanding team of more than 500 talented genomics experts and a broad range of technologies in the field of genomic services, forensics, agroscience, pharmaceutical, environmental, food and feed testing at our fully automated production facilities in Europe, USA, Japan and India.
**Evotec AG**

Evotec AG is a drug discovery alliance and development partnership company focused on progressing innovative product approaches with pharmaceutical and biotechnology companies, academics, patient advocacy groups and venture capitalists. We operate worldwide providing the highest quality stand-alone and integrated drug discovery solutions, covering all activities from target-to-clinic. The company has established a unique position by assembling top-class scientific experts and integrating state-of-the-art technologies as well as substantial experience and expertise in key therapeutic areas including neuroscience, pain, metabolic diseases, oncology, inflammation and infectious diseases. Evotec has long-term discovery alliances with partners including Bayer, Boehringer Ingelheim, CHDI, Genentech, Janssen Pharmaceuticals, MedImmune/AstraZeneca, Roche and UCB. In addition, the Company has existing development partnerships and product candidates both in clinical and pre-clinical development.

Founded: 1993  
Employees: 956

**EXcorLab GmbH**

EXcorLab GmbH was founded in 1983 as a biomedical laboratory within Akzo Nobel. Since 2005 the laboratory is an independent small and medium enterprise (SME), specialized on R&D contract research (CRO). The laboratory is accredited according to ISO 17025 which confirms the competence in our area of work and the application of a strict quality management system.

EXcorLab is performing ex vivo, animal and clinical studies of compounds, biomaterials or medical devices in contact with freshly donated human blood, primary tissue (cells) or cell lines. We assess membranes and equipment for hemodialysis and blood oxygenation, dialyzers, hemofilters, adsorbers, blood lines, catheters, oxygenators, bone cements, wound dressings and (metal) implants in terms of e.g. performance, hemocompatibility and cytotoxicity [e.g. ISO 10993]. Another focus is the characterization of nano- as well as microparticle based materials in medical applications.

Founded: 2005  
Employees: 13
Experimentelle Pharmakologie &
Onkologie Berlin-Buch GmbH
Robert-Rössle-Str. 10 | 13125 Berlin
T +49-30-9489-4440 | F +49-30-9489-4441
info@epo-berlin.com | www.epo-berlin.com

EPO Berlin-Buch GmbH is one of Germany’s leading contract research organization (CRO) that has specialized in:

Cancer Research Service
Providing tailored basic and translational research models to support drug development, starting from target validation and compound screening and ending with integrational in vivo studies addressing pharmacology, pharmacokinetics, biomarkers, and tolerability.

Personalized Medicine Service
Experimental cancer models are used to support and personalize the selection of the most appropriate drug treatment for the patient.

Translational Research Service
Translational research in oncology from the perspective of the drug developer should provide the simple answer: “who is the right patient for my new drug”, whereas the oncologist is interested in: “which is the right drug for my patient”. EPO has developed large panels of tumor models providing efficient tools for preclinical drug development accelerating the initiation of clinical studies.

FGK Clinical Research GmbH
Heimeranstr. 35 | 80339 München
T +49-89-893-119-0 | F +49-89-893-119-20
info@fgk-cro.com | www.fgk-cro.com

FGK Clinical Research GmbH is a Europe-based full service contract research organization with offices in Germany (HQ), Poland, Czech Republic, Hungary and UK. We provide full service for Phase II–IV clinical studies. Our international client base includes biotechnology, medical device, and pharmaceutical companies. Main areas of expertise are oncology, CNS, hepatology and cardiology. FGK has the right size to handle multi-country, multi-center studies with hundreds of patients or single country studies with a few patients, but is still small enough to guarantee a personal service to the sponsor. With our over 90 highly qualified medical, scientific and regulatory experts, we have all the knowledge and experience necessary to succeed in Europe and can guide you through the clinical trial process, from planning and approval to the final report. We cover all phases and we also provide legal representation services to our non-European customers.
Genomatix Software GmbH
Bayerstr. 85a  |  80335 München
T +49-89-5997-660  |  F +49-89-5997-6655
info@genomatix.de
www.genomatix.de

Genomatix offers experimental planning and data analysis services in the areas of Next Generation Sequencing (NGS), microarray technologies, pathway analysis, gene networks, promoter studies and variant analysis. You may also benefit from our long-standing expertise in systems biology, genetic disorders and the analysis of pharmacological effects. Genomatix offers a complete service pipeline for assembly and annotation of pro- and eukaryotic species.

With more than 10 years experience in creating its own genome annotation, Genomatix now also provides assembly and annotation services for customers that want a genome assembly and annotation with the added value of result integration.

Founded: 1997       Employees: 18

Target Discovery       Target Validation       Hit Identification       Lead Optimisation       Preclinical Studies       Clinical Trials

This includes: consulting for experimental design, sequencing services together with an external partner, de-novo and template assembly; RNA assembly, data integration and annotation, quality assessment, data supply integrated into Genomatix Genome Analyzer ready for subsequent analyses.

GALAB Technologies GmbH
Am Schleusengraben 7  |  21029 Hamburg
T +49-40-368077-0  |  F +49-40-368077-401
kuballa@galab.de
www.galab.de

GALAB is a company with core competences in analysis and separation technology. GALAB offers analytical services, contract research services and proprietary tools [AffiSep, AffiSpin, GlycoCleave] for the Health Care, Food and Biopharmaceutical Industry.

After more than 20 years of experience in business and a continuous improvement and extension of our competences GALAB has today acquired an outstanding market position.

We offer products for the following fields of application:
- Glycosciences
- Oligosaccharides
- Immobilized enzymes
- Affinity Chromatography
- Plant lectins
- Biotin conjugates
- Assays
- Customized products

Our special attention is addressed to product quality and product safety that we achieve by continuous improvement and scientific research. A sophisticated in-house quality assurance system, the monitoring of our products and techniques, and an extensive documentation guarantee a highest degree of reproducibility and reliability.

Founded: 1992       Employees: 130

Target Discovery       Target Validation       Hit Identification       Lead Optimisation       Preclinical Studies       Clinical Trials
GKM Gesellschaft für Therapieforschung mbH
Lessingstr. 14  |  80336 München
T +49-89-209120-0  |  F +49-89-209120-30
mail@gkm-therapieforschung.de
www.gkm-therapieforschung.de

GKM is an independent, family-owned contract research organization (CRO). We provide a comprehensive portfolio of services for the pharmaceutical industry, manufacturers of medical devices and academia.

With more than 30 years of experience in the CRO business, GKM has completed over 600 clinical research projects, including national and international clinical trials as well as non-interventional studies, involving approximately 1.4 million patients across various indications.

GKM cooperates with more than 90 freelance clinical research associates (CRAs) throughout Germany, Austria and Switzerland and has established long-term successful co-operations with partner CROs worldwide.

The GKM team is highly experienced and knowledgeable in scientific, organisational and administrative matters of clinical research. As a mid-sized CRO, we are able to respond rapidly, efficiently and flexibly to your unique needs, corporate policies and processes at every stage of your project.

Founded: 1981       Employees: 70

Health Research Services GmbH
Hofäckerstr. 14  |  76698 Ubstadt-Weiher
T +49-7253-9579-477  |  F +49-7253-9579-480
germany@h-r-s.biz
www.h-r-s.biz

Health Research Services (HRS) Ltd, run offices in UK, Germany, Moscow, Kiev and Warsaw. HRS GmbH is an independent contract research organisation offering specialist services in the areas of Consulting, Scientific Drug Research & Development, Project Management, Clinical Monitoring, Medical Writing and Regulatory Affairs. HRS provides expert services to turn basic research on promising new drug candidates into marketed medications.

Consulting and Project Management in all stages of drug development and Product Life Cycle.

Medical Writing
The HRS medical writers are excellently trained medical or scientific experts and are members of the European Medical Writers Association (EMWA).

Regulatory Affairs
- for Clinicals, Herbals and Dietary Supplements
- in America, Asia, Australia, Africa, Europe or UAE.

Founded: 2000       Employees: n/a
HealthTwiSt GmbH
Lindenberger Weg 80 | 13125 Berlin
T +49-30-450-540807 | F +49-30-450-540988
info@healthtwist.de
www.healthtwist.de

HealthTwiSt is providing cutting-edge services for data management as well as statistical analyses.

Our framework provides you with field-tested web-based Electronic Case Report Forms (eCRF) tailored to your needs. Our eCRFs give advantages in terms of progress monitoring, data consistency, and speed of access to results. Our in-house development brought together clinicians, study nurses, statisticians, and programmers, driven by our own needs. Statistical analyses are based on the principles of reproducible research, bundling all steps from raw data import, coding, filtering, applying statistics, up to presenting results in tables in highly informative figures.

Founded: 2003       Employees: 3

Heidelberg Pharma GmbH
Schriesheimer Str. 101 | 68526 Ladenburg
T +49-6203-1009-19 | F +49-6203-1009-764
info@hdpharma.com
www.heidelberg-pharma.com

Our company comprises departments for in vivo pharmacology, bioanalytics, biochemistry, molecular biology and chemistry. Our services focus on processes during lead optimization and preclinical drug profiling. In this part of the process, our expertise in bioanalytical analysis along with our in vitro and in vivo pharmacology capabilities assures optimal results. We deliver quality assured data referenced against clinical standards, creative solutions and accurate reporting.

Besides offering a wide range of validated and routinely used models and techniques, we are able to investigate your compound in a more exploratory way. Our flexibility also permits customized experimental designs and the development and validation of new models.

Founded: 2004       Employees: 44
humatrix AG
Reißstr. 1a  |  64319 Pfungstadt
T +49-6151-60159-11  |  F +49-6151-420886-11
info@humatrix.de
www.humatrix.de

humatrix AG offers SNP-Genotyping for all kinds of studies and clinical trials. Our service covers support of target design, planning and organisation of logistics, reliable analytics and secure sample storage.

IBA GmbH
Rudolf-Wissell-Str. 28  |  37079 Göttingen
T +49-551-50672-0  |  F +49-551-50672-181
info@iba-lifesciences.com
www.iba-lifesciences.com

IBA GmbH is dedicated to providing high quality product and service solutions for life science research in industry and academia. The comprehensive portfolio ranges from nucleic acid custom services to products and services for cloning, transfection, recombinant protein production and cell isolation. The combination of products and services allows clients to choose either the proprietary products or, alternatively, the custom service.

IBA’s nucleic acid unit provides individual and flexible custom services of nucleic acid specialties, like modified and fluorescently labeled oligos.

The Strep-tag®/Strep-Tactin® system is ideally suited for purification of highly pure and bioactive protein. It is one of the most widely used affinity chromatography systems in protein purification, detection and immobilization, and offers many advantages.

The Streptamer® system allows the selection of eukaryotic cells which are characterized by specific surface markers, like e.g. functional T cells.

Founded: 1996       Employees: 50
Immundiagnostik AG develops and produces innovative immunological tests (ELISA, EIA) and other analytical detection methods such as HPLC, LC-MS/MS and PCR for routine and research in medicine. The aim is to provide high quality, innovative and effective tools for the prevention, differential diagnosis and treatment monitoring. Our focus is on gastroenterology/nutrition, cardiovascular/kidney, bone metabolism, oxidative stress, complementary medicine/preventive medicine and clinical immunology.

The product portfolio is complemented by a wide range of antigens and antibodies for research purposes.

Founded: 1986       Employees: 70

Business connections exist to clinical diagnostic laboratories and academic research institutions in the form of contract services, especially for the conduct of clinical trials. Collaborations with the pharmaceutical industry and memberships in scientific societies form the basis for a successful business development.

Immundiagnostik AG
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www.immundiagnostik.com

IMGM Laboratories offers advanced genomic services focusing on BIOMARKER DISCOVERY, METAGENOMICS, BIODISTRIBUTION and PHARMACOGENETICS. As a service provider, we tailor each project design to the needs of our customers coming from pharma, diagnostics, biotech and academia.

Our broad technology portfolio includes: NEXT GENERATION SEQUENCING (Illumina MiSeq, NextSeq and HiSeq, Roche 454 GS Junior+ and FLX+), MICROARRAYS (Illumina, Agilent and Affymetrix) and qPCR (TaqMan). Expert bioinformatics and comprehensive reporting complete our services. IMGM holds a GLP certificate and an ISO 17025 accreditation for Sanger sequencing and gene expression analysis and SNP genotyping using both real-time PCR and microarray technologies and is certified service provider for Agilent and Affymetrix.

Whether you are interested in gene expression analysis, 16S rRNA or gene panel sequencing or our other genomic services: we are looking forward to get in touch with you. Please visit www.imgm.com

Founded: 2001       Employees: 17
**JPT Peptide Technologies GmbH**
Volmerstr. 5 | 12489 Berlin
T +49-30-6392-5500 | F +49-30-6392-5501
info@jpt.com
www.jpt.com

JPT Peptide Technologies is an ISO 9001 certified provider of innovative peptide products and services and a partner for research projects in Peptide & Biomarker Discovery, Hit to Lead/Qualification and Peptide Optimization.

Our experience finds application in peptide based drug and vaccine projects, in the discovery of peptidic additives, in the development of affinity ligands, as well as in content determination for novel immune diagnostics. JPT is the preferred partner for peptide related projects because of its:

- Proprietary technological synthesis and screening basis
- Integrated in-house R&D team for organic and medicinal chemistry, bioinformatics, structural biology, data management and assay development
- Solid track record of successful R&D projects
- ISO 9001:2008 and GCLP regulated quality assurance system
- Flexible business arrangements for collaborative projects
- Work force of more than 50 highly trained and skilled employees

**Founded: 2004    Employees: 55**

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**Insilico Biotechnology AG**
Meitnerstr. 9 | 70563 Stuttgart
T +49-711-460594-0 | F +49-711-460594-10
info@insilico-biotechnology.com
www.insilico-biotechnology.com

Insilico Biotechnology is a market leader in providing solutions and software for the simulation of living cells.

Our interdisciplinary team of experts offers customised solutions for the efficient manufacturing of biotechnological products as well as for the stratified preclinical testing of drugs by combining high-performance computing and Insilico’s proprietary predictive simulation software.

For world-leading companies from the chemical and pharmaceutical industries, Insilico’s technology lowers the time, costs and risk involved in their development processes.

**Founded: 2001    Employees: 20**
LEUKOCARE AG
Am Klopferspitz 19 | 82152 Martinsried
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info@leukocare.com
www.leukocare.com

LEUKOCARE provides a next-generation formulation technology platform for the protection of proteins like biopharmaceuticals to allow for the development of better products. Our proprietary Stabilizing and Protecting Solutions (SPS®) technologies meet regulatory requirements and are based on three main pillars:
- improvement of thermal stability
- protection during sterilization
- functionalization of medical devices

Based on the SPS® technologies we are able to stabilize biopharmaceuticals in dry and liquid formulation like vaccines and therapeutic antibodies, to facilitate the functionalization of various surfaces like implants, wound dressings and microneedles and to preserve functionality of proteins during terminal sterilization and long term storage.

In addition we support our partners with related services like the establishment of accelerated aging models for stability testing, development of lyophilization or spray drying protocols and implementation of required analytics.

Founded: 2003       Employees: 21
The Mediagnost Company

Mediagnost, founded in 1985, is a research based company dedicated to the development and manufacture of in-vitro diagnostic test systems and cell culture derived biological reagents (viral antigens and antibodies). Mediagnost has established state-of-the-art labs, certified by the German authorities and in conformity with the laws relating to medical devices, pathogens and genetic engineering. The laboratories in two security levels (L1/S1+L2/S2) are approved for handling human pathogens.

The manufacturing processes, adhering to the GLP and GMP standards, are managed by scientists with qualified expertise in immunology, endocrinology, infectiology and virology.

Mediagnost is certified according to ISO 13485. All test systems for clinical diagnostics are in compliance with the European Medical Device Directive 98/79/EC and are CE-labeled.

The entire company expertise is available as service!

Founded: 1985  Employees: 25

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Lophius Biosciences GmbH

Lophius Biosciences GmbH is focusing on the development and marketing of innovative T cell based research tools and diagnostic systems for the early diagnosis and immune monitoring in the fields of transplantation, infectious and autoimmune diseases.

Founded: 2002  Employees: 25
MEDICRO GmbH
Klostersteig 19 | 91580 Petersaurach
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office@medicro.eu
www.medicro.de

MEDICRO is a full service CRO with experience of more than 15 years. We offer services for Interventional Studies Phase I-IV, Non-interventional Studies and Medical Device Studies.

MEDICRO provides support for: Quality Assurance, Clinical Monitoring, Project Management, Regulatory Affairs, Medical Writing and Clinical Trial Management

MEDICRO Special Services: Certified Translation Services (English, Spanish, French, German)

Founded: 2001 Employees: 4

Since 1999 Mediconomics GmbH has been a premier provider for the Pharmaceutical and Biotechnology industries. Our services include but are not limited to: Clinical Trial Services, Data Management, Pharmacovigilance, Product Development, Reimbursement Assessment, Regulatory Affairs and Medical Writing for both medicinal products and medical devices.

Mediconomics uniquely balances science and business to provide our clients competent and reliable safety and efficacy data on their products and insights into the economic impact a new product might have on the client’s overall financial performance. Mediconomics has earned an excellent reputation with leading enterprise pharmaceutical companies in the EU and the USA for the quality of its work and for its combination of technological innovation and bottom-line orientation. Successful completion of tasks to client’s satisfaction has brought more repeat business and generated new business.

Founded: 1999 Employees: 10
MedPharmTec GmbH
Olschewskibogen 7  |  80935 München
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office@medpharmtec.de
www.medpharmtec.de

MedPharmTec is a contract service organisation for all fields of pharmaceutical medicine (interventional and non-interventional clinical studies, pharmacovigilance, regulatory affairs, and medical information). Our aim is maximum relief by maximum quality, our benchmark is your confidence by transparency. One special service is the Labeling Compliance Service: it supports your regulatory affairs/medical writing/marketing unit in writing/proofreading/managing/printing all labeling-related documents (SmPC, PIL, marketing texts, etc.). This service is managed by an online-based software tool that allows real-time project management as well as 24/7 access to all documents.

Founded: n/a  Employees: n/a

menal GmbH
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info@menal.de
www.menal.de

menal GmbH is a GLP/GCP/GMP bionalytical laboratory based in Emmendingen/Germany. Since 1992 menal supports the pharmaceutical industry holistically in their research and development. menal`s performances for preclinical and clinical studies: Coagulation Assays, LC/MS/MS, ELISA, Biomarker, PK, PD.

Founded: 1992  Employees: n/a
Merck Millipore
Feldbergstr. 80 | 64293 Darmstadt
T +49-6151-3599-499 | F +49-1805-045-644
GEcustomerservice@merckgroup.com
www.merckmillipore.com

Merck Millipore is the Life Science subsidiary of Merck, Darmstadt, Germany. As part of the global Life Science business of Merck, Merck Millipore offers a broad range of innovative performance products, services and business relationships that enable our customers' success in research, development and production of biotech and pharmaceutical drug therapies. Through dedicated collaboration on new scientific and engineering insights, and as one of the top three R&D investors in the life science tools industry, the Life Science business of Merck serves as a strategic partner to customers and helps advance the promise of life science. Headquartered in Billerica, Massachusetts, the global business has around 10,000 employees, operations in 66 countries and 2014 revenues of EUR2.7 billion. Merck Millipore operates as EMD Millipore in the U.S. and Canada. For more information, please visit www.merckmillipore.com

Metabolomic Discoveries GmbH
Am Mühlenberg 11 | 14476 Potsdam
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info@metabolomicdiscoveries.com
www.metabolomicdiscoveries.com

Metabolomic Discoveries is a leading research and analytics company offering concepts and solutions for complex biological questions. Our service encompass high-resolution global metabolite profiling of biological material. Our aim is to accelerate your research by combining analytical and artificial intelligence approaches.

We have developed Kenkodo, a metabolism based body tracking tool. Nothing responds faster to lifestyle habits than the metabolism. Our platforms allows the detection of about 1000 compounds in a single drop of blood at once taken at home. That makes it the perfect tool to track a person’s health condition, while using mobile applications and body sensors (wearables) to monitor their lifestyle and health status. This allows precise and detailed research studies.

Founded: 1668       Employees: 10.000

Founded: 2009       Employees: 15
**Metanomics Health GmbH**

Tegeler Weg 33 | 10589 Berlin  
T +49-30-34807-400 | F +49-34807-401  
info@metanomics-health.com  
www.metanomics-health.com

Metanomics Health GmbH has been a pioneer in metabolomics since 2003 and is today a leading analytical service provider of broad and targeted metabolite profiling for healthcare and food partners in industry and academia. In addition to our unique metabolomics services offer, our expert team is developing new clinical biomarker assays addressing unmet medical needs. With more than 160 experts working in Berlin and embedded in the powerful global BASF network, we provide highly robust and reproducible analysis of metabolic pathways and their changes in response to disease, pharmaceutical intervention, and nutrition.

Founded: 2003  
Employees: n/a

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**Metronomia Clinical Research GmbH**

Paul-Gerhardt-Allee 42 | 81245 München  
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info@metronomia.net  
www.metronomia.net

Metronomia is a mid-size, owner-driven European CRO based in Munich (Germany). We offer high-quality clinical research services to pharmaceutical and biotech companies, along with the medical device industry. Since its foundation in 1990, Metronomia was successfully involved in more than 500 clinical projects, covering every clinical stage and project size throughout all major therapeutic areas.

**Our offer:**
According to the individual needs of our customers, Metronomia provides:
- full-service in clinical trials phase I-IV and NIS or
- functional services: statistical consulting, statistical analysis and programming, data management

Founded: 1990  
Employees: 55

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**Our commitment:**
Since 25 years our customers particularly esteem the high-quality and reliability of our data, our commitment to best service and outstanding flexibility, our stable project teams and the competitive cost-benefit ratio.
Microcoat Biotechnologie GmbH
Am Neuland 3  |  82347 Bernried
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s.molinaro@microcoat.de
www.microcoat.de

Microcoat offers a wide range of individual and specialized services for the diagnostic and pharmaceutical industry. In close cooperation with our customers, we aim for best performance building on a complete range of advanced technologies and uncompromised quality standards.

For pharmaceutical companies, we leverage our profound expertise in in-vitro diagnostics and assay development in order to become a preferred partner in early development, preclinical and clinical phases of drug development and patient sample testing.

Founded: 1992      Employees: 82

MLM Medical Labs GmbH
Dohrweg 63  |  41066 Mönchengladbach
T +49-2161-4642-102  |  F +49-2161-4642-190
kneuer@mlm-labs.com
www.mlm-labs.com

MLM Medical Labs is a CAP- and DIN EN ISO 15189-accredited, GLP-certified and CLIA-registered central and specialty lab dedicated exclusively to clinical trials phase I to IV.

MLM offers the entire portfolio of service elements to support clinical trials:
- Development and validation of analytical methods
- Global supply of study-specific sampling kits
- World-wide sample logistics
- Clinical chemistry, hematology, serology and urinalysis
- Biomarker assays including multiplex panels
- Web Access – mlm online®

With our qualified partners we offer:
- Central lab services in the US
- Pathological analysis of tissue samples
- LC-MS/MS analysis of small molecule drugs

MLM’s clients are CROs, biotech and global pharmaceutical companies based in Europe, Asia and USA. MLM’s services are offered 365 days a year.

We create a reliable partnership with our clients and our core values are:
- Scientific excellence
- Customized solutions
- Personal accountability

Founded: 1993      Employees: 33
nadicom GmbH is a leading international operating GMP-certified biotech company specializing in the identification of bacteria, fungi and yeasts in pure cultures, environmental samples and complex mixed cultures via the most modern molecular-biological methods.

Qualitative identification of bacteria and fungi from pure cultures is carried out via sequencing of specific marker genes. The sequences of the specific marker genes are compared with the gene sequences of nadicom’s extensive database containing more than 45,000 validated sequences.

In addition, nadicom uses various methods for the creation of DNA-fingerprints from bacterial and fungal strains.

In the agricultural sector, we focus on the stimulation of plant-microbe interactions and are producer of rhizobia strains for the inoculation of leguminous seed.

nadicom’s services are completed with educational seminars for laboratory personnel and consultation in the field of microbiology and environmental monitoring.

Founded: 2002    Employees: n/a

Neu Encepharm GmbH
Hans-Adolf-Krebs-Weg 9 | 37077 Göttingen
T +49-551-38420-430 | F +49-551-38420-350
info@encepharm.de
www.encepharm.de

Our mission is to provide preclinical research services to facilitate the development of new drugs that target the central nervous system using NHP as a research model. We benefit from its intimate connections with academia, as well as with several associated contract research organizations (CRO). Using our expertise, we aim to give full insight in the possibilities of your compound.

Founded: 2013    Employees: 15
**Neuroproof GmbH**
Friedrich-Barnewitz-Str. 4 | 18119 Rostock
T +49-381-54345-660 | F +49-381-54345-661
info@neuroproof.com
www.neuroproof.com

NeuroProof is a global leader and preferred partner in the field of microelectrode array (MEA)-based phenotypic screening of neuronal cell cultures from mouse or human stem cell derived. NeuroProof offers screening services and state-of-the-art mathematical expertise for the phenotypic analysis of test agents on neuronal network activity. The services comprise the growing of neuronal cultures on MEA chips, medium throughput screening of test agents, high quality recording of spontaneous and compound-induced network activity, state-of-the-art mathematical analyses, and sophisticated pattern recognition methods. The unique platform is well suited to identify and characterize effects of test agents on neuronal network activity and brain cell functioning.

Founded: 2007       Employees: 17

**OakLabs GmbH**
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info@oak-labs.com
www.oak-labs.com

OakLabs supplies competitive as well as efficient products and services to customers in the pharma and biotech industry world-wide.

Our portfolio for target discovery & validation includes:
- genome-wide expression profiling
- analysis of a few thousand genes relevant for certain diseases or pathways
- comprehensive data analysis and visualization for straightforward interpretation
- development of tailor-made software solutions

For preclinical studies and clinical trials we adapt methods of modern statistics to:
- improve inclusion and exclusion criteria of trial participants
- increase the correctness of predictions (e.g. in diagnostic assays)
- reduce the overall costs of the study or trial

Furthermore, we develop and apply dedicated algorithms to simulate complex molecular reactions and biomolecules, e.g. to avoid lab optimizations for new PCRs.

Founded: 2011       Employees: 12
OmicScouts GmbH
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info@omicScouts.com
www.omicScouts.com

OmicScouts is a proteomics company providing innovative proteomics and integrated bioinformatics solutions for key issues in drug and biomarker discovery.

Founded in 2014 as spin-off of the TU München, the company supports drug discovery, disease and systems biology and (pre-)clinical research with a broad portfolio of advanced mass-spectrometry-based technologies.

OmicScouts’ chemical proteomics technologies alongside the licensed Cellular Thermal Shift Assay (CETSA) technology reveal cellular drug targets and selectivity profiles in an unbiased and comprehensive manner. Other technologies enable the proteome-wide profiling of posttranslational modifications and signalling mechanisms for drug mode-of-action analyses or biomarker discovery studies.

Founded: 2014       Employees: 5

P.S.S.T GmbH
Kreillerstr. 65 | 81673 München
T +49-89-922003-0 | F +49-89-922003-90
office@p-ss-t.de
www.p-ss-t.de

PSST is a medium sized independent service provider and consultancy in Germany with a presence in several EU member states and cooperation partners in the rest of the EU/other parts of the world. We represent more than 25 years of experience in Pharma R&D as well as the development of Medical Devices (MD) and Cosmetics. Our focus is full drug/MD/cosmetics regulatory (EU procedures, [e]CTD, generics) + vigilance services (drugs + devices, QPPV, complaints), as well as clin. research and project management (incl. training and coaching).

Special experience in strategic advice for drug + MD development, traditional medicines and borderline products, reg. Due Diligence (mergers & acquisitions), scientific R&D portfolio evaluation. As an EU SME we take others in piggyback.

Founded: 1994       Employees: 5
PAN-Biotech GmbH
Am Gewerbepark 13 | 94501 Aidenbach
T +49-8543-6016-30 | F +49-8543-6016-49
info@pan-biotech.de
www.pan-biotech.de

PAN-Biotech is a German-based company manufacturing and distributing sera, media, serum-free systems, biologicals, reagents and other cell culture products.

Since 1988 PAN-Biotech demonstrated its strength with innovative, first-class quality products and excellent service for cell culture around the globe. Production takes place in Aidenbach, Bavaria: “Quality – Made in Germany!”

Privately owned and managed PAN-Biotech guarantees highest quality at competitive prices.

PAN-Biotech – Your expert around cell culture

Founded: 1988       Employees: 60

PEPperPRINT GmbH
Rischerstr. 12 | 69123 Heidelberg
T +49-6221-726-4488 | F +49-6221-726-4475
pepperchip@pepperprint.com
www.pepperprint.com

PEPperPRINT is a young and innovative biotech company located in Heidelberg, Germany.

The company provides the PEPperCHIP® Peptide Microarray platform with an unrivaled content flexibility, signal quality and peptide diversity. Besides a number of standard peptide arrays, user defined custom peptide microarrays can be prepared in short turnaround times based on a proprietary laser printing technology. Applications include e.g. antibody epitope mapping, vaccine optimization, autoantibody research, antibody biomarker discovery and peptide drug development.

PEPperCHIP® Peptide Microarray can be analyzed by the customer or by PEPperPRINT experts. The PEPperMAP® Service portfolio comprises all microarray-based experiments, data analysis and a comprehensive report.

The product portfolio is complemented by HPLC purified peptides for competition assays, spotting and affinity purification.

Founded: 2001       Employees: 12
Pharmacelsus GmbH
Science Park 2 | 66133 Saarbrücken
T +49-681-3946-7510 | F +49-681-3946-7511
info@pharmacelsus.de
www.pharmacelsus.de

Since 2000, the GLP-certified German CRO Pharmacelsus GmbH provides the pharmaceutical and biotech industry with high quality research services. Inspired by successful participation in research projects, we create innovative solutions for our client’s challenging projects.

The Pharmacelsus service portfolio includes in vitro and in vivo evaluation of potency and safety of potential new drugs. We focus on in vitro ADME & in vivo pharmacokinetics as well as bioanalytical services (GLP, GCLP and non-GLP). The bioanalytical department quantifies compounds and biomarkers in both in-house and external samples leveraging our experience with small molecules and various other test items like biologicals (technologies: LC/MS-(MS), FACS, ELISA, Luminex).

Our customers are found within the industry and research community of Germany and the European Community but we also serve any customer around the world. Information about our products can be found on our website at http://www.pharmacelsus.de.

Founded: 2000 | Employees: 35

Peptide Specialty Laboratories GmbH
Im Neuenheimer Feld 583 | 69120 Heidelberg
T +49-6221-8896-12 | F +49-6221-8896-13
info@peptid.de
www.peptid.de

Peptide Specialty Laboratories (PSL) GmbH has been founded in September 2000. The company is located within the Technology Park in Heidelberg, Germany. The main goal of PSL is based in the production of any kind of peptides from mg to gram amounts and with lengths between 5 and 50 amino acids. Furthermore we produce bioconjugates between peptides and proteins or column matrices and we are a main contributor of peptide specific antibodies for scientific and industrial research. Our antibodies normally are produced in guinea pigs or rabbits but immunisations of other animals are also available.

Founded: 2000 | Employees: 7
**Pharmainformatic**

Friesenstr. 36 | 26721 Emden
T +49-4921-993360 | F +49-4921-993361
mail@pharmainformatic.com
www.pharmainformatic.com

Pharmainformatic provides cheminformatic services and predictive tools to optimize drug discovery.

Since 2004 we develop comprehensive ADME/Tox databases. They contain pharmacokinetic results from human clinical trials and preclinical animal trials.

Reliable tools to predict ADME/Tox-properties of compounds such as oral bioavailability, clearance, elimination half life, volume of distribution, plasma protein binding or toxicity can be derived from our databases in order to identify and prioritize promising drug candidates.

The expert system IMPACT-F forecasts drug-uptake of a compound in humans. It is used by pharmaceutical companies in different therapeutic areas such as diabetes, inflammation, antivirals, autoimmune diseases and cancer for selection and prioritization of drug candidates, to optimize leads and to evaluate oral bioavailability before clinical trials in humans.

This ranking allows the most efficient drug-candidates to be chosen for further development.

Founded: 2004       Employees: n/a

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**PHARMALOG GmbH**

Neumarkter Str. 18 | 81673 München
T +49-89-544637-0 | F +49-89-544637-50
pharmalog@pharmalog.com
www.pharmalog.com

PHARMALOG your professional partner for clinical studies.

Our team of academics undertakes phase I and phase II–IV studies for you.

We work for the pharmaceutical and biotechnology industries and for producers of food supplements, cosmetics and medical devices.

We are also happy to implement post-marketing and pharmacoeconomic studies for you.

We undertake both complete research projects and special tailored services depending on your specific requirements.

We have experience in the performance of multinational and national studies with a network of centres throughout Europe. We offer excellent value for money because we have short channels of communication and direct assignment of responsibility for efficient operations.

Founded: 1983       Employees: 34
PortaCellTec biosciences GmbH
Humboldallee 23  |  37073 Göttingen
T +49-551-395894  |  F +49-551-395883
info@portacelltec.de
www.portacelltec.de

PortaCellTec (PCT) provides a broad spectrum of assays with hepatic/renal uptake transporters (e.g. OATs, OCtTs, OATP3s) as well as efflux transporters (e.g. MDR1, BCRP and BESP) to investigate the inhibitory potential and substrate characteristics of drugs. As recommended by FDA and EMA PCT perform in vitro studies with validated drug transporters stably-transfected in HEK-293 cells.

As experts on drug transporter studies, we provide the following services:
- Consulting service for transporter selection
- Advice regarding FDA and EMA guidelines for SLC- and ABC-Transporter proteins
- Customized experimental design
- Detailed study plan
- Professional performance of transporter assays

Inhibition studies:
- Two point inhibition
- Determination of IC50 value
- Determination of the inhibition character by Dixon Plot analysis

Substrate studies:
- Transport kinetics: time and concentration dependent uptake
- Determination of affinity (K_m and V_max)
- Study report adapted to customers’ needs

Founded: 2009       Employees: 6

PharmGenomics GmbH
Robert-Koch-Str. 50  |  55129 Mainz
T +49-6131-554-2860  |  F +49-6131-554-2861
info@pharmgenomics.com
http://pharmgenomics.com

The company offers various genotyping or expression analyses services, specialised in the area of pharmacogenetics and companion diagnostics. A broad range of already established in vitro diagnostic kits are available as well as the diagnostic service offering, all being conducted and produced in accordance to highest international standards. The company’s quality management system is certified according to ISO 9001:2008 and ISO 13485 and accredited according to EN ISO 15189:2014.

Founded: 2008       Employees: 15
preclinics GmbH
Wetzlauer Str. 20 | 14482 Potsdam
T +49-331-243433-50 | F +49-331-243433-51
info@preclinics.com
www.preclinics.com

preclinics is a CRO that offers preclinical studies for the development of drugs, drug delivery formulations and medical devices. We are experienced in cardiovascular, inflammatory, orthopedic, hematological and oncological indications. Especially the development of new models for efficacy testing of novel compounds and therapeutic concepts is a focus of our services. One major product is the Revolyzer, a revolution analyzer for voluntary running assays (VRA). VRA are a versatile and promising method that became very sensitive and convenient with the Revolyzer.

Besides in vitro culture assays, xenograft models are available for in vivo testing of e.g. biologics or biosimilars on human targets.

preclinics also offers the custom immunization of various species – from mice to horses. Most interesting is the immunization of llamas and alpacas for generating heavy-chain antibodies and VHVs. From all species we also provide high quality fresh blood or tissue products.

Founded: 2006       Employees: 15

PRIMACYT GmbH
Hagenower Str. 73 | 19061 Schwerin
T +49-385-3993-600 | F +49-385-3993-602
info@primacyt.com
www.primacyt.com

PRIMACYT is a leading provider of cell culture technologies, products and services for biomedical and cell biology research, primarily for liver and skin cells, related products and research. Since 2004 the SME develops and provides cell culture systems for the prediction of toxic and long-term effects of agents on the human body. Its validated in vitro systems are a true preferred possibility to reduce animal experiments. The long term culture system developed by the company allows the repeated use of human hepatocytes as biosensors. In addition, new pharmaceutical ingredients may be tested at different concentrations and in different combinations with other drugs and active compounds within the same hepatocyte culture. This reduces costs and increases safety for drug testing.

PRIMACYT has a laboratory certified according to Good Laboratory Practice (GLP) and serves as a reference laboratory for the European Union (EU-NETVAL).

Founded: 2004       Employees: 6
Profil Institut für Stoffwechselforschung GmbH
Hellersbergstr. 9 | 41460 Neuss
T +49-2131-4018-345
info@profil.com | www.profil.com

As a full service CRO, Profil Germany carries out early phase clinical trials for research on obesity, (pre)diabetes, and diabetes complications. Profil was founded in 1999 as a spin-off of an academic study group at the department of metabolic diseases and nutrition at University of Düsseldorf. One of the core technologies is the hyperinsulinemic euglycemic clamp, used to address action profiles of insulin and insulin analogues, beta cell function and insulin sensitivity.

Profil has been involved in the development of all major antidiabetic compounds and enjoys an excellent scientific reputation worldwide. By owning a database of more than 27,000 well characterised individuals (healthy, healthy at-risk, type 1 and type 2 diabetes) Profil can recruit even the most complex studies in this area.

Profil has a fully GMP certified pharmacy and two in-house clinics with 80 beds and holds expertise in Data Management & Statistics and Regulatory Affairs.

Founded: 1999       Employees: 300

ProJect Pharmaceutics GmbH
Fraunhoferstr. 22 | 82152 Martinsried
T +49-89-452289-700 | F +49- 89-452289-717
info@project-pharmaceutics.com
www.project-pharmaceutics.com

ProJect Pharmaceutics, based in Martinsried/Munich, Germany, transforms proteins, peptides and Antibody Drug Conjugates (ADCs)/cytotoxics into pioneering drugs. ProJect Pharmaceutics adds value to client’s bio-pharmaceutical products by applying innovative concepts of pharmaceutical development and drug delivery systems.

We offer:
– predictive formulation analytics
– formulation development including in-depth protein analytics
– lyophilization process development and optimization
– processing of Arte’s Lyo Dual Chamber Prefillable™ syringe

– development of liposomal formulations and manufacturing processes
– manufacturing of preclinical study material
– technology-transfer including scale-up to GMP-manufacturing

www.project-pharmaceutics.com

Founded: 2010       Employees: 8
ProQinase GmbH
Breisacher Str. 117 | 79106 Freiburg
T +49-761-206-1780 | F +49-761-206-1781
info@proqinase.com
www.proqinase.com

ORGANISATION DESCRIPTION: ProQinase is a preclinical CRO dedicated to support customers from pharma, biotech and academia in the development of novel therapies for cancer treatment.

Currently more than 300 in-house produced catalytically active protein kinases, lipid kinases and substrates are offered for sale. Furthermore, more than 400 protein kinases and lipid kinases are available for biochemical kinase assay services.

ProQinase’s Cancer Drug Discovery Platform also comprises the testing of therapeutic agents in cell-based, target-specific phosphorylation assays and in various functional cell-based assays.

Founded: 2001       Employees: 35

MARKET INFORMATION: Our customers include both national and international organisations, ranging from university research groups to large multinational nutritional and pharmaceutical concerns. Due to our wide-ranging analytical capabilities we are active in a number of markets including pharmaceutical, nutritional, and biomaterial sectors.

ProQinase’s portfolio of preclinical services is completed by in vivo testing services including subcutaneous, orthotopic and metastasis tumor models (using human and mouse tumor cell lines), an immuno-oncology platform and a unique in vivo angiogenesis assay.

In addition, ProQinase provides custom-tailored solutions of preclinical services as support for cancer drug discovery projects.

Founded: 2001       Employees: 35

Target Discovery | Target Validation | Hit Identification | Lead Optimisation | Preclinical Studies | Clinical Trials

Organisation description: Prolytic GmbH is a GLP-certified contract laboratory specializing in bioanalytics and pharmacokinetics, as well as complex analytical questions. Our services include the development and validation of analytical methods (e.g. HPLC, LC-MS/MS, RIA, ELISA); analysis of biological samples (e.g. clinical study samples); samples with complex components (e.g. plant extracts); and compartmental and non-compartmental pharmacokinetic evaluations. Both GLP- and non-GLP projects are undertaken, and we provide a professional, rapid service ensuring a flexible and consistently customer-focused approach to each project.

MARKET INFORMATION: Our customers include both national and international organisations, ranging from university research groups to large multinational nutritional and pharmaceutical concerns. Due to our wide-ranging analytical capabilities we are active in a number of markets including pharmaceutical, nutritional, and biomaterial sectors.

Founded: 2003       Employees: 14
Proteome Factory AG
Magnusstr. 11 | 12489 Berlin
T +49-30-206162-65 | F +49-30-206162-67
service@proteomefactory.com
www.proteomefactory.com

Proteome Factory is a Berlin based biotech company specialized in high quality proteomics, protein analytical and high resolution mass spectrometry (Orbitrap, FTMS) based contract research and fee-for-service for pharmaceutical, biotech, food, plant breeding and cosmetic industries and research institutes:
- Protein analysis, quality control
- Protein identification & characterization
- Protein mass determination
- Absolute protein quantification (by stable isotope dilution LCMS)
- Antibody and protein sequencing
- N-terminal and C-terminal sequencing
- Proteomics protein profiling, biomarker discovery
- High resolution 2D gel electrophoresis

- Host cell protein analysis
- Metabolomics
- Exact mass determination of small molecules

Founded: 2000       Employees: n/a

Diagnostics Differentiated – Protagen AG improves Personalized Patient Care

At Protagen, we are dedicated to the development of diagnostic tests that aid successful therapeutic development and better treatment strategies for some of the most severe autoimmune diseases. Utilizing a personalized medicine approach, our multi-marker assay technology SeroTag enables differential diagnosis and patient stratification for RA, SLE, SSc, SjS, MS, NMO and others.

The identification of patient subgroups has become essential for successful development of novel treatments. Protagen has developed NavigAID SLE to separate and define patient subgroups in SLE, overcoming heterogeneity and enabling new approaches to successful drug development. In addition, the repositioning of marketed drugs according to response rates or side effects is a key industry initiative. Here, Protagen is developing diagnostics products for Rheumatoid Arthritis that predict a patient’s response to treatments.

Founded: 1997       Employees: 40
provitro AG
Charitéplatz 1  |  10117 Berlin
T +49-30-450578-352  |  F +49-30-450578-952
office@provitro.de
www.provitro.de

Provitro’s competence is not limited to the development of protocols for both manual and automated IHC staining but includes, as well, target validation with antibodies on normal and tumor tissue samples which may be provided from our own tissue bank. False-negative results are ruled out by an in-process control system.

Tissue microarrays are an ideal tool in high-throughput analysis for antigen distribution or validation of newly identified pathogenetic genes in multiple tissue samples. And it provides a sufficient area for morphological evaluation requiring only a very small amount of reagent to analyze dozens or hundreds of tissues.

Molecular pathological services include evaluation of intact and diseased tissue specimens by pathologists, DNA cytometry, as well as molecular genetic and cytogenetic analyses. Top competence and wide-ranging experience are essential to fully exhaust the potential of all the techniques which are available to our customers.

Founded: 2006       Employees: 12

QIAGEN
Qiagen Str. 1  |  40724 Hilden
T +49-2103-29-0  |  F +49-2103-29-22000
pr@qiagen.com
www.qiagen.com

QIAGEN N.V., a Netherlands-based holding company, is the leading global provider of Sample to Insight solutions to transform biological materials into valuable molecular insights

QIAGEN sample technologies isolate and process DNA, RNA and proteins from blood, tissue and other materials. Assay technologies make these biomolecules visible and ready for analysis. Bioinformatics software and knowledge bases interpret data to report relevant, actionable insights. Automation solutions tie these together in seamless and cost-effective molecular testing workflows.

QIAGEN provides these workflows to more than 500,000 customers around the world in Molecular Diagnostics (human healthcare), Applied Testing (forensics, veterinary testing and food safety), Pharma (pharmaceutical and biotechnology companies) and Academia (life sciences research). As of March 31, 2015, QIAGEN employed approximately 4,300 people in over 35 locations worldwide.

Further information can be found at www.qiagen.com.

Founded: 1984       Employees: 1,350
R-Biopharm AG
An der neuen Bergstr. 17 | 64297 Darmstadt
T +49-6151-8102-0 | F +49-6151-8102-20
info@r-biopharm.de
www.r-biopharm.com

“Companion Diagnostics” – R-Biopharm AG

In 2012 R-Biopharm established the new corporate division “Companion Diagnostics” for Personalized Healthcare. In driving Companion Diagnostics, R-Biopharm is at the forefront of current advancements in testing and therapeutics development. Companion Diagnostics describes the approach that is closely linked to drugs, both existing or under development. Companion Diagnostics is regarded as an important step towards Personalized Healthcare – an ideal treatment format delivering the right medication or therapy tailored to each patient at the right time. These tests are already available for patients with specific types of cancer, and even beyond oncology, many tests are currently under clinical development (e.g. anti-infective, autoimmune drugs, diabetes). This gives us great new ways of research into diagnostics and its impact on therapeutics. By providing laboratory services, R-Biopharm develops, co-develops and supports new pharmaceutical research approaches, offering services precisely tailored to each companion diagnostic project.

Founded: 1988       Employees: 600

Quartett GmbH
Schichauweg 16 | 12307 Berlin
T +49-30-765925-0 | F +49-30-765925-55
info@quartett.com
www.quartett.com

Quartett GmbH was founded 1986 as a family-run company and supplies its customers with biochemicals, reagents, cosmetics and a variety of services. We own two production sites that are certified according to EN ISO 9001:2008, EN ISO 13485:2012+AC:2012 and work in compliance with GMP conformity. Our QMS guarantees products of highest quality.

The company specialized its product profile in manufacturing and modification of synthetic peptides, also on customer request, with HPLC purity $\rightarrow$ 95 %. This includes protease inhibitors, peptides for antibody production & cosmetic peptides. Furthermore, we offer peptide analytic services with qualitative and quantitative analysis of amino acids.

Founded: 1986       Employees: n/a
Senova GmbH
Industriestr. 8 | 99427 Weimar
T +49-3643-85593-10 | F +49-3643-85593-11
info@senova.de
www.senova.de

Senova is an internationally active medium-sized and owner-managed company based in Weimar. Senova is specialized in high-quality immunological rapid tests for the detection of proteins, haptens, nucleic acids, microorganisms and viruses. With its powerful research department, extensive methods for quality assurance and quality management and large production capacity for test kits Senova provides its customers with all the tools available to develop, validate, and produce rapid test products successfully. Senova rapid tests for point-of-care diagnostics are based on the well-established lateral flow technology or innovative 3D immunofiltra tion. Senova develops new test systems or establishes new tests on existing platforms on behalf of its clients.

Founded: 1997  Employees: 20

Sartorius Stedim Cellca GmbH
Uhlmannstr. 28 | 88471 Laupheim
T +49-7392-96648-10 | F +49-7392-96648-29
info@cellca.de
www.cellca.de

Cellca (now a part of Sartorius group) is a leading company for the development and supply of protein production technology for pharmaceutical industry. It specializes in upstream processing of the protein production in mammalian (CHO) cells.

Cellca’s unique technology platform is characterized by high efficiency regarding productivity, quality, and scalability. Our clients & partners benefit from reduced cost of goods, reduced development risks, and a faster time-to-clinic.

Benefits:
Scalability: Cellca system was developed systematically from scratch specifically for the industrial production environment. The system can be used for all types of biologics: biosimilars, mAbs, fusion and complex proteins.
Productivity: more than 50 successful projects, 95% delivering a titer of $\geq 3$ g/L in 12–14 days fed batch culture.
Quality: Cellca has proven capabilities in modifying the quality attributes of biologics using media & process optimization.

Founded: 2005  Employees: 28
SinYmed's research is focused on inflammatory diseases and its activities cover the areas of systemic inflammation as well as the development of various diagnostic kits.

1. Systemic Inflammation SinYmed develops precise diagnostic tools and highly effective therapies for the treatment of inflammatory diseases normally regarded as untreatable, including sepsis and tumor growth. Our corporate objective is the building and further development of a technology platform in the field of severe inflammatory reactions that matches core technologies of cooperation partners.

2. Diagnostics SinYmed possesses a wide range of experience in the field of amyloidosis, accumulated over a long time. Our experience will be utilized to extend the development of our various diagnostic kits, which are depicted in our technology platform.

Sercona GmbH, member of HWI pharma group, provides comprehensive support in API assessment and pharmaceutical development based on professional project management – whether you wish to develop new products or improve existing ones. Our core competences are risk-based development of solid, semi-solid dosage forms and parenterals as well as production of small scale and clinical batches of solid dosage forms. If requested we are able to develop referring to “quality by design”. We can handle hazardous drug substances up to OEB level 5. A broad spectrum of chemical and physical testing methods for characterisation of drug substances is available. Our analytical lab is GMP approved.

Founded: 2008  Employees: n/a

Sercona GmbH
Straßburger Str. 77  |  77767 Appenweier
T +49-7805-401-500  |  F +49-7805-401-510
info@sercona.de
www.sercona.de

Founded: 2015  Employees: n/a

SinYmed
Am Klopferspitz 19  |  82152 Martinsried
T +49-89-57933-775
office@sinYmed.com
www.sinYmed.com

SinYmed's research is focused on inflammatory diseases and its activities cover the areas of systemic inflammation as well as the development of various diagnostic kits.

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2. Diagnostics SinYmed possesses a wide range of experience in the field of amyloidosis, accumulated over a long time. Our experience will be utilized to extend the development of our various diagnostic kits, which are depicted in our technology platform.
**SiChem Synthetizes Fine Chemicals and Diagnostic Tools**

**SiChem** synthesizes fine chemicals and diagnostic tools for biochemical, biomedical, and pharmaceutical research (photoactivatable and fluorescent). Recently we supplemented our portfolio by clickable unnatural amino acids and tools for Click-Chemistry.

SiChem’s unique expertise is based on the synthesis of compounds with biologically increased bioavailability (prodrugs). The masked drug candidates are successfully tested against several pathological conditions, for instance cystic fibrosis (CF), diarrhea, and inflammation. SiChem has developed efficient preparative synthesis techniques in the area of enantioseparation to prepare larger amounts up to the 1.000 g scale.

**We also support you in the area of classical custom synthesis. If more specialist tasks are involved, such as metabolite synthesis of current APIs (D/13C) we are also the people to turn to.**

**We provide:**
- Multi-step organic synthesis from targets and chiral building blocks
- Separation of racemic mixtures
- Purifying compounds

**SiChem GmbH** operates as specialized service provider for preclinical target research. Using proprietary viral vector and RNAi technologies SiChem’s customized cell models offer access to in-depth functional gene analysis, thereby improving target identification/validation and compound screening in a variety of industries. Their technologies have also been successfully used for primary cell immortalizations. Novel viral vectors for gene therapy and vaccine applications are under development.

**SiChem**

Fahrenheitstr. 1 | 28359 Bremen
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info@sichem.de
www.sichem.de

SiChem synthesizes fine chemicals and diagnostic tools for biochemical, biomedical, and pharmaceutical research (photoactivatable and fluorescent). Recently we supplemented our portfolio by clickable unnatural amino acids and tools for Click-Chemistry.

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**We provide:**
- Multi-step organic synthesis from targets and chiral building blocks
- Separation of racemic mixtures
- Purifying compounds

**SiChem**

Fahrenheitstr. 1 | 28359 Bremen
T +49-421-2208-228 | F +49-421-2208-226
info@sichem.de
www.sichem.de
SSS International Clinical Research GmbH was founded as a clinical research organisation (CRO) in September 1993 in Munich, Germany. Since then the company has acquired ample experience in setting-up and running clinical trials in many European countries.

Over the last 20 years SSS has established international co-operations in Western, Central and Eastern Europe. New offices of SSS were opened to cover the Eastern European market with own staff in 2007 (Romania) and 2008 (Poland).

The quality system of SSS was certified according to DIN EN ISO in 1997. In June last 2012 re-certification (DIN EN ISO 9001) was performed by Intertek.

Since 2013 SSS International Clinical Research GmbH is member of the German association of contract research organizations (BVMA) after passing a qualification audit.

Services:
- Full service phase II-IV, NIS, IIT
- International project management
- Site selection, patient recruitment strategies
- Clinical monitoring
- GCP training (in-house, on-site, on-line)

SSS International Clinical Research
Landsberger Str. 23/25 | 82110 Germering
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info@cro-sss.com
www.cro-sss.com

Founded: 1993       Employees: 50

SocraTec R&D offers all services needed for modern clinical drug development. We realise early phase human pharmacology trials including FIM, classical PK and BABE trials to PoC. Our modern 58 beds clinical pharmacology unit achieves healthy subject trials and enables excellent patient recruitment. Besides the common phase-I-activities we are very much experienced in early trials covering oncology, ophthalmology and gynaecology. Our pharmacokinetics experts support design development and evaluation.

We also realise later stages of clinical trials. From feasibility analysis, site selection and patient recruitment to clinical monitoring, data collection and data management, our range of services covers all relevant fields of phase II to IV. Our infrastructure is dedicated to national multi-centre trials and our network of partners also enables multi-national trials. Our international experience is reflected by successful FDA inspections and ANVISA accreditation.

Founded: 1998       Employees: 120

SocraTec R&D GmbH
Im Setzling 35 | 61440 Oberursel
T +49-6171-58570 | F +49-6171-585710
info@socratec-pharma.de
www.socratec-pharma.de
Synchem UG & Co. KG
Am Kies 2  |  34587 Felsberg/Altenburg
T +49-662-40873-0  |  F +49-5662-40873-20
info@synchem.de
www.synchem.de

Synchem UG & Co. KG synthesizes rare chemicals from the area of organic chemistry. Synchem UG & Co. KG offers a comprehensive product range from building blocks to intermediates and reagents for the chemical and pharmaceutical industry, research institutes and analytical laboratories. Our laboratories execute syntheses in the range of 1-1000 gram. Synchem UG & Co. KG provides over 3000 products in laboratory quantities; most of them are unique to our company.

Founded: 1997       Employees: n/a

synlab pharma institute
Bayerstr. 53  |  80335 München
T +49-89-741393-0  |  F +49-89-741393-39
SPI-Munich@synlab.com
www.synlab.com

synlab pharma institute offers a very broad range of laboratory services to the biotechnology, pharmaceutical and cosmetic industries as well as to developers of medical devices, novel foods and crop protecting agents. Our clients take advantage of our broad spectrum of analytical methods for clinical and preclinical studies as well as of our global logistical capabilities; always working in accordance with the highest standards such as DIN/EN ISO/IEC 17025/15189, GMP, GLP, GCLP or GCP.

Our portfolio at synlab pharma institute includes central clinical laboratory services, bio-analytical services, biomarker testing, personalised medicine concepts, sample logistics, long-term sample storage services, stability testing, production monitoring and microbiological batch tests. The analytical portfolio includes hygiene testing as well as testing of environmental matrices such as food, water, air, waste and bio-waste, soil and construction materials.

Founded: 1994       Employees: 300
**tesa Labtec GmbH**

Raiffeisenstr. 4 | 40764 Langenfeld
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info.tesa-labtec@tesa.com
www.labtec-pharma.com

CDMO with focus on transdermal systems and oral films – tesa Labtec is a drug delivery company with a specific focus on transdermal and topical patches (Transfilm®) as well as oral films (Rapidfilm® and Mucofilms®). A wholly owned subsidiary of tesa SE and part of the Beiersdorf group of companies, tesa Labtec represents the pharmaceutical business in a truly global family of companies offering "Solutions for Pharma".

Founded: 1990       Employees: 100

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**Taros Chemicals GmbH & Co. KG**

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innovation@taros.de
www.taros.de

Taros, an independent and privately owned contract research company based in Dortmund, Germany, has been serving the needs of pharmaceutical, chemical and biotech companies since 1999. More than 10,000 synthesis, research and process chemistry projects have successfully been delivered to the ever growing global customer base.

Taros operates state-of-the-art lab facilities, employing a team of scientists (65% of whom hold post-graduate degrees in Chemistry) who are committed to supporting the diverse needs of its customers in efficient drug discovery, medicinal chemistry and classical synthetic chemistry. Taros’ scientists combine more than 140 years of industrial organic chemistry experience with over 60 years of active drug discovery. Taros is leading the Chemistry Consortium of the EUR200m European Lead Factory Drug Discovery Platform.

Founded: 1999       Employees: 49
**Thanares GmbH**  
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info@thanares.com  
www.thanares.com

Thanares is a European, Potsdam-based, privately owned research and development company focused on the field of phytochemicals. Built on strengths in developing analytical methods for the determination of phytochemicals – particularly polyphenols – and their metabolites Thanares is contributing its resources to the understanding of the mechanism of action of phytochemicals with health promoting properties. Based on this research, new leads for the prevention and treatment of chronic diseases are being investigated. In addition, biological markers for neurodegenerative diseases are being identified and will be developed.

**Founded:** 2001  
**Employees:** n/a

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**THERAMetrics GmbH**  
Zeche Katharina 6 | 45307 Essen  
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office.germany@therametrics.com  
www.therametrics.com

THERAMetrics is an international, full-service, technology-driven contract research & development organization (including cGMP IMP Services) providing technological services and solutions throughout the entire drug discovery & development cycle – from Preclinical to Market Access.

**THERAMetrics is focused on four clinical research segments:**
1. THERAMetrics’ full-service Contract Research Organization covers every aspect of clinical research.
2. THERAMetrics’ Clinical Supply Services has more than 17 years of experience related to packaging, labeling and logistics of the Investigational Medicinal Product.
3. THERAMetrics’ Early Clinical Services provides human Phase I, early Phase II, Phase III, Phase IV and bioequivalence studies on healthy volunteers, patients, children and special populations.
4. THERAMetrics’ Drug Discovery provides an innovative approach to Clinical Research through its Drug Repositioning and Repurposing system and integrated Clinical Development Services.

**Founded:** 2009  
**Employees:** n/a
TransTissue Technologies GmbH offers services in the field of different cell culture techniques, molecular biology as well as assay & test systems. We also provide consulting services and have experience in the processing of preclinical studies for cell-free and cell-based Tissue Engineering products.

Founded: 2000       Employees: 5

Vibalogics GmbH live viruses and bacteria as well as aseptic filling are Vibalogics’ expertise. We work on therapeutic and prophylactic vaccines, gene vectors and oncolytic viruses and are a partner for companies committed to developing innovative drugs for live-threatening diseases. Our one-stop-shop services include filling, lyophilization, cGMP-compliant manufacturing, formulation, and QC testing of drugs based on recombinant and attenuated viruses and bacteria.

We offer a highly competent team of experts and a biosafety level 2 state-of-the-art facility. Four independent production suites with cleanroom class areas A-D provide a unique grade of flexibility to develop manufacturing processes and QC assays. We deliver clinical trial material including comprehensive GMP documentation and Certificates of Analysis to enable straightforward product development.

Founded: 2001       Employees: n/a
Winicker Norimed GmbH, established in 1993, is a full service contract research organization. We offer a full range of services in clinical research from planning through reporting. We manage and conduct phase II–IV clinical trials, medical device and non-interventional studies and offer various services related to benefit assessments, epidemiology and health services research. Advising you professionally and providing you with individual support are our top priorities.

Founded: 1993  Employees: 120

Vivacell is a service provider with a strong focus on pharmacological testing (drug efficacy).

Our main activities are in the field of phytopharmaceuticals, drugs, nutraceuticals, cosmetics and oral care.

Examples of some recent activities:
- Immunomodulation/anti-inflammatory/wound healing/sinusitis/bronchitis (metabolic activity, proliferation, cytokines, leukotrienes, humane monocytes, chondrocytes, keratinocytes)
- Receptor binding studies, neurotransmitter-reuptake (anxiety, depression, memory effects, dyspepsia)
- Viral entry model, inhibition viral neuraminidase (common cold)
- Inhibition 5alpha-reductase (hair growth, prostatic hyperplasia)
- Vanilloid (=Capsaicinreceptor) and menthol receptor (pain, warming, cooling, hair growth)
- Histamine-release (allergy), histamine induced inflammation
- Lipolyse in human primary adipocytes
- Cosmetics screening

Apart of these drug efficacy studies we offer preclinical studies (e.g. Ames Test)

Founded: 1999  Employees: 5
**Zedira GmbH**

Roesslerstr. 83  |  64293 Darmstadt  
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contact@zedira.com  
www.zedira.com

Zedira is a clinical stage biotech company specialised in transglutaminase.

Zedira conducts its own development of small molecular drug candidates. In doing so, the company is working at the cutting edge of drug discovery involving small molecules that block dysregulated transglutaminases.

In addition, Zedira is a global brand for specialty reagents for research & development as well as diagnostics in the transglutaminase field. Numerous unique and high quality products help pushing forward transglutaminase-related science – both in academia and industry.

**Founded: 2007**  **Employees: 16**

**Zellkraftwerk GmbH**

Bosestr. 4  |  04109 Leipzig  
T +49-151-5238-5628  |  F +49-511-8742-9053  
info@zellkraftwerk.com  
www.zellkraftwerk.com

Zellkraftwerk: 80-plex Immunophenotyping enabling clinical trial support and discovery of novel cell subpopulations.

Based on Chipcytometry Zellkraftwerk manufactures instruments and provides pre-clinical and clinical services in high-content cytometry. Chipcytometry enables storage of clinical specimens for more than 24 months and analysis of up to 80 markers per cell. The instrument output is a conventional FCS-file that can be imported into any single-cell data in analysis software (e.g. FlowJo). Chipcytometry uses microfluidic chips for cell biobanking allowing analysis, re-analysis and re-re-analysis of the same cells over and over again.

Currently Zellkraftwerk works for 7 out of the TOP 10 drug makers worldwide.

**Founded: 2014**  **Employees: 15**
Zentrum für Humangenetik und Laboratoriumsdiagnostik
Lochhammer Str. 29 | 82152 Martinsried
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info@medizinische-genetik.de
www.medizinische-genetik.de

The diagnostic expertise covers the analysis of body fluids and tissue samples with molecular genetic, cytogenetic, flow cytometric and biochemical techniques. Our molecular diagnostics portfolio comprises the whole spectrum of advanced technologies such as multi-gene panel sequencing (MGPS), clinical exome sequencing (CES), whole exome sequencing (WES) and RNA sequencing. Other applications of next generation sequencing (NGS) include HLA typing and the Prenatalis® non-invasive prenatal test (NIPT). We also employ several array platforms such as Affymetrix™, Agilent™ or Illumina™ to perform array CGH, SNP array analyses and methylation profiles. Other important methods include flow cytometry (FACS scan) and tandem mass spectrometry.

Founded: 1998       Employees: 100

ZytoVision GmbH
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info@zytovision.com
www.zytovision.com

Contract research of ZytoVision GmbH, Germany: Companion diagnostic development

Companion diagnostics I (test development): Development and establishment of new, innovative, and robust probes and corresponding molecular tests based on the FISH and/or CISH techniques (fluorescence and/or chromogenic in situ-hybridization technique) to be used in clinical trials for the selection of patients.

Companion diagnostics II (biomarker clinical trial analyses): Performance of FISH or CISH analyses (GCLP compliant) in clinical trials.

Background of company: Production of FISH and CISH based probes and kits (in accordance to EN ISO 13485 and ISO 9001) for routine diagnostics in molecular pathologies.

ZytoLight®, FISH-based products aimed at the detection of genomic aberrations (e.g. HER2, ALK, and ROS1).

ZytoDot®: CISH-based products aimed at the detection of genomic aberrations (e.g. FGFR1, MET, and FGFR1).

Founded: 2004       Employees: 42
ASSOCIATIONS

**Association of German Biotech Companies (VBU) in DEHEMA e. V.**

**Dr. Andreas Scriba**  
Theodor-Heuss-Allee 25  
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scriba@dechema.de  
www.dechema.de | www.v-b-u.org

**VBU – a powerful network within DEHEMA**

The Association of German Biotechnology Companies (VBU) links companies operating in biotechnology and related sectors in Germany and abroad. Its members are active in biotechnology, pharmaceuticals, bioinformatics, diagnostics, medical products and laboratory technology. The VBU is a platform for cooperation, communication and information.

Tech transfer has been a core task of the Association of German Biotechnology Companies for the last two decades. Being part of DEHEMA, the Society for Chemical Engineering and Biotechnology, it benefits from the network of 5,800 experts from academia, industry and institutions.

Setting up international co-operations is a necessity but requires many resources. Bundling efforts to reach joint goals can help especially SMEs to identify potential partners. VBU helps to improve the international visibility of companies. Moreover, VBU has been organizing delegation trips for many years, as they are an excellent opportunity for initiating contacts. Joint stands at national and international trade fairs and congresses, organized by VBU and its partners, are an affordable way to visibility, valuable contacts and business opportunities.
The Biotechnologie-Industrie-Organisation Deutschland (BIO Deutschland) is an independent organization for biotechnology companies in Germany. At its offices in Berlin, the association is developing and supporting an innovative industry based on modern life sciences. Founded in October 2004, BIO Deutschland currently has more than 320 member companies. To support them, BIO Deutschland engages in a broad range of activities, including lobbying, public relations, and offering business development opportunities. BIO Deutschland is governed by a managing board of CEOs, CFOs and Managing Directors of companies that represent the German biotech sector, as well as directors of BioRegions. This committee comprehensively represents the various fields in the sector.

The member companies and their experts are organised in working groups that deal with the following topics: Big data and Bio-IT; diagnostics; finance and taxation; German-US cooperation; licences and technical contracts; regulatory affairs; innovation, entrepreneurship and jobs; HR; Industrial Bioeconomy; health policy; technology transfer; and PR. Using a wide range of political initiatives, BIO Deutschland lobbies for improvements to the legal parameters for innovative small and medium-sized enterprises.
The German Association of Biotechnology Industries (DIB, Deutsche Industrievereinigung Biotechnologie) is the biotechnology arm of the Association of the German Chemical Industry (VCI, Verband der Chemischen Industrie e.V.), the VCI sector groups and the VCI sector associations. DIB represents the political-economic interests of companies using biotechnological methods. Goals of DIB are sustainable growth and the international competitiveness of biotechnology in Germany. DIB is a member of the European biotechnology association EuropaBio and on the EuropaBio board.

**Role of DIB**
- DIB represents the interests of their members vis-à-vis politicians, public administrations, media and the general public, both nationally and internationally.
- DIB actively works for reliable and internationally competitive framework conditions for the biotechnology industry.
- DIB contributes to further strengthening Germany as an industry location.

**Member Companies of DIB**
Eligible for membership in DIB are member companies of VCI and of the VCI sector associations which are engaged in research, development and production or render services using biotechnological methods. DIB represents 10 further associations and their member companies and works on behalf of and in close cooperation with these associations. Thus the DIB membership stands for over 90 percent of the German market for biotechnological products – such as polymers, plastics, fine and specialty chemicals, enzymes, pharmaceuticals, diagnostics, animal health products, personal care products, detergents, animal feeds, foodstuffs and renewables.
GUIDE TO CONTRACT RESEARCH IN GERMANY
BIOTECHNOLOGY AND PHARMACEUTICAL INDUSTRY

About Us

Germany Trade & Invest is the foreign trade and inward investment agency of the Federal Republic of Germany. The organization advises and supports foreign companies seeking to expand into the German market, and assists companies established in Germany looking to enter foreign markets.

All inquiries relating to Germany as a business location are treated confidentially. All investment services and related publications are free of charge.

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