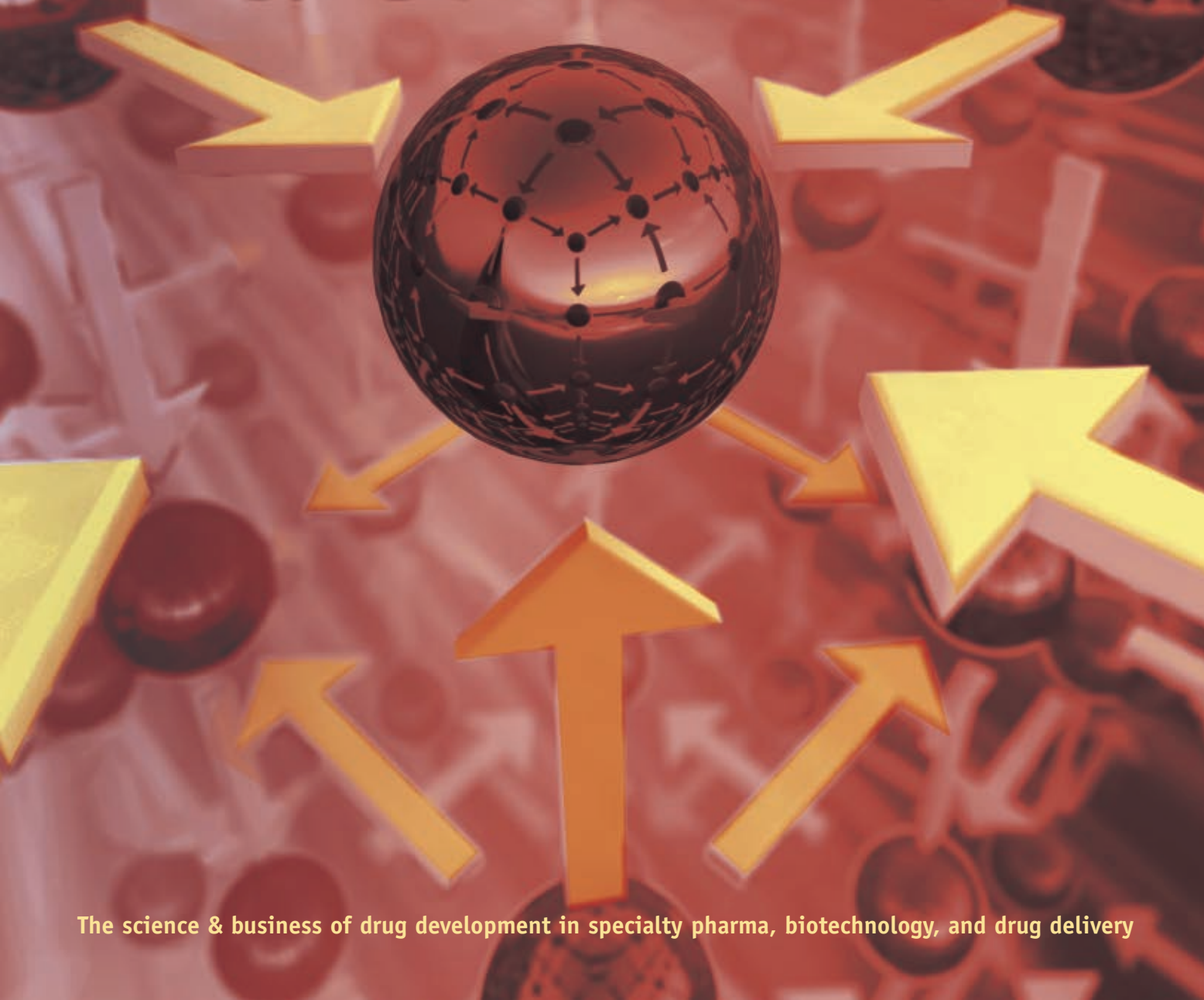


Drug Delivery[®] Technology

November/December 2008 Vol 8 No 10

www.drugdeliverytech.com

RESOURCE DIRECTORY & COMPANY PROFILES



The science & business of drug development in specialty pharma, biotechnology, and drug delivery

TRANSDERMAL TRANSCENDENCE

A higher level of performance

Delivers new possibilities



AVEVA
DRUG DELIVERY SYSTEMS
A Nitto Denko Company

That's the promise of Aveva Drug Delivery Systems, combining innovation and unparalleled industry experience to advance drug delivery and pioneer new frontiers in transdermal drug delivery for new chemical entities and life cycle management opportunities to enhance existing products.

As one of the world's largest manufacturers of transdermal patches offering a full range of research, development and manufacturing capabilities, Aveva transcends traditional limitations of patch technology and business partnerships to achieve new levels of product and corporate performance.

- > Customizing solutions to the unique characteristics of each drug
- > Masterfully balancing the patch properties of adhesion reliability and gentleness that lead to an enhanced patient experience.
- > Managing a higher drug concentration in a smaller patch

A flexible, customer-oriented business philosophy that adds value to projects and exceeds customer expectations.

To license a product or to see how we can add value to your project, call Robert J. Bloder, Vice President Business Development, at **954.624.1374** or visit **www.AvevaDDS.com**



NITTO DENKO GROUP

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THE ADVANTAGES

OF MULTI-PHASE, MULTI-COMPARTMENT CAPSULES ARE CLEAR

Deliver Incompatible Compounds

Deliver incompatible compounds in a single dosage form with different release profiles.

Multiple Release Profiles

Incorporate one or more release profiles into a single dosage form such as immediate, enteric, targeted, chronotherapy and pulsatile.

Higher Perceived Value

Consumers view multi-phase, multi-compartment capsules as having a higher perceived value than ordinary tablets, capsules and soft gels.

Choice of HPMC or Gelatin Capsules

With multi-phase, multi-compartment capsules you are not limited to just gelatin (animal-based product) but have the option of natural HPMC (hydroxypropyl methyl-cellulose) and alternative capsule materials.

Better Visual Appeal

Multi-phase, multi-compartment capsules have none of the dust and residue associated with powder capsules. Better visual product appearance translates to higher perceived value.

Increased Absorption and Bioavailability

Liquids naturally offer faster and increased absorption and availability of active ingredients.

Increased Profit Potential

Add up all the advantages. Expect higher sales...and high margins!



Multi-Phase System

Compounds can be delivered with the most advantageous pharmacokinetic profile such as liquids and solids

Faster Development

Multi-phase, multi-compartment capsules reduce the development time compared to bi-layer tablets to get a new product into clinical trials faster.

Smaller Capsules

Hard-shell capsules have thinner wall construction, allowing them to contain more ingredient in a smaller capsule versus thicker-shelled soft gel capsules. Hard shells have faster and more complete dissolution than soft gels.

Less Odor and Less Irritation

Reduces unpleasant ingredient taste and odor commonly found with tablets and traditional capsules. And, liquids provide less irritation than traditional delivery methods.

Tamper Proof Sealing

Band sealing reduces tampering and provides a non-permeable barrier to retard oxidation and increase shelf-life.

Unique Appearance

This new delivery system stands apart from look-alike products that crowd retail shelves.

Compounds

Deliver Pharmaceutical, bio-pharmaceutical and nutraceuticals in a single dosage form.



Patent Pending US-2005-0008690-A1

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The Azopharma Product Development Group of companies provides **total product development** from preclinical to commercialization helping you to turn *ideas into cures*™. Our comprehensive CMC and Commercial Services save time and resources by working with a single point of contact.



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CMC Services

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- Preformulation
- Analytical Characterization
- Analytical R&D/QC
- CTM Manufacturing for Phase I - Phase III
- Cytotoxic and High-Potent Compounds
- Regulatory Consulting



Proprietary drug delivery platforms to solve difficult molecular challenges.
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- Contract Manufacturing
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- Fast-Melt, Insoluble & Controlled Release Technologies
- Post-Approval Change Consultation
- Regulatory Support for NDA, ANDA and 510(k)

Contact us to see how we can assist with your product development needs!

development@azopdogroup.com • www.azopdogroup.com/ddt • 954.241.4340

Drug Delivery

Technology

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BD Medical Pharmaceutical Systems	Multisorb
Bend Research	NuSil
Bilcare Global Clinical Supplies	Particle Sciences
Catalent	PharmaCircle
DPT Labs	PharmaForm
DSM	PPD
Eurand	Scolr Pharma
Evonik Pharma Polymers	Soliqu
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- Drug Delivery Technologies
- Machinery & Laboratory Equipment

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Unparalleled taste Flexible dose Versatile release Robust tablet

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BIOAVAILABILITY ENHANCEMENT

TASTE MASKING AND ODTs

DRUG CONJUGATION

COMPANY PROFILE



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3250 Commerce Parkway
Miramar, FL 33025
T: (954) 430-3340 F: (954) 430-3390
Website: www.avevadds.com
Contact email: Robert.bloder@avevadds.com



Aveva Drug Delivery Systems, a Nitto Denko company with revenues in excess of \$7 billion, is one of the world's largest manufacturers of, and a pioneer in, transdermal drug delivery systems. Nitto Denko has a 20-year history of providing pharmaceutical partners with fully integrated, controlled-release transdermal products that fulfill unmet market needs or are high-quality, low-cost brand equivalents. Leveraging this experience, Aveva offers a full range of research, development, and manufacturing capabilities using a number of sophisticated technologies to produce proprietary and generic transdermal drug delivery systems.

- Aveva offers:**
- Global licenses for Aveva's approved products and development pipeline
 - Transdermal candidate assessments of APIs in as little as 4 weeks
 - Extensive expertise in polymer synthesis and adhesive formulation technologies
 - A full range of research, development, and manufacturing capabilities
 - Creative solutions & sophisticated technologies to overcome formulation challenges

Proprietary Gel Matrix Adhesive Technology

Aveva DDS and Nitto Denko have produced the first and only marketed transdermal patch using a revolutionary Gel Matrix adhesive system for an unequaled balance of adhesion reliability and gentleness. Because the Gel Matrix adhesive minimizes the disruption of the stratum corneum (skin) during removal, these patches can be removed and reapplied with minimal skin irritation, resulting in a desirable patient experience. This technology also contributes to increased patient compliance and enhanced persistency, which are critical for patients with chronic conditions.



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A flexible, customer-oriented business philosophy that adds value to projects and exceeds customer expectations.

To license a product or to see how we can add value to your project, call Robert J. Bloder, Vice President Business Development, at **954.624.1374** or visit www.AvevaDDS.com

COMPANY PROFILE



Azopharma
Product Development Group

AZOPHARMA PRODUCT DEVELOPMENT GROUP

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E: development@azopdogroup.com

Website: www.azopdogroup.com

Company Description

Azopharma Product Development Group, The Total Product Development Company™, provides full product development and stand-alone services for the pharmaceutical, biotech, and medical device industries. From discovery and early preclinical studies to manufacturing and commercialization, Azopharma provides the complete spectrum of development services.

Our Group of Companies include:

- **Azopharma Contract Pharmaceutical Services** - Integrated product development and CTM manufacturing for all dosage forms.
- **ApiCross Drug Delivery Technologies** - Proprietary drug delivery platforms to solve difficult molecular challenges.
- **Cyanta Analytical Laboratories** - Analytical chemistry and inhalation services from development to quality control testing.
- **AniClin Preclinical Services** - Preclinical services in support of early product development.
- **IQsynthesis** - Synthetic chemistry services from discovery to clinical API supplies, including large scale API synthesis.
- **AvivoClin Clinical Services** - Human clinical pharmacology services for Phase I/II/III clinical trials.
- **ADMEQuant Bioanalytical Services** - Bioanalytical research analysis of pharmaceutical compounds in all matrices.
- **Acromon Clinical Research Organization** - Clinical monitoring, data management, and statistical services.

Services & Capabilities

Our capabilities include:

- Full IND Development
- Full ANDA Development
- Full NCE Development
- Full Medical Device Development

Azopharma Product Development Group also offers bundled service lines from key sections of the development process to Maximize Communication and Minimize Downtime.

Preclinical Bundle

- ADMET Programs
- Method Development/Validation
- PK/PD Studies
- Bioanalytical Services
- Preformulation
- Supply of API, Reference Standards & Labeled Materials

CMC Bundle

- Formulation Development
- Stability Programs
- CTM Manufacturing
- Extractables and Leachables
- Drug Delivery Technology
- Analytical R&D

Clinical Bundle

- Formulation Development
- Phase I-III Studies
- CTM Manufacturing
- Bioanalytical Testing
- First-In-Human Studies
- Multi-Site Management

Commercial Bundle

- API Manufacturing
- Contract Manufacturing
- Regulatory Support
- Product Enhancement
- Lifecycle Management Technology

Facilities

Our facilities are FDA registered and inspected, DEA approved, and client audited on a regular basis. We are registered with the DEA for testing all schedules of controlled drugs and additionally have individual licensing for manufacturing on an as-requested basis. The sites are fully cGMP compliant and have an excellent inspection record. We welcome visits to our South Florida facilities as well as our other sites to conduct audits or meet with our pharmaceutical scientists to outline a study that meets your specific needs. Please visit our website at www.azopdogroup.com, or contact one of our scientists at development@azopdogroup.com or (954) 433-7480 to discuss your product development needs.



Bend Research Inc.

Innovators In Pharmaceutical And Health Science Technologies

BEND RESEARCH INC.
64550 Research Road
Bend, Oregon USA 97701
T: (541) 382-4100 F: (541) 382-2713
www.bendresearch.com



Bend Research Inc. specializes in the invention, advancement, development, and commercialization of pharmaceutical and health science technologies.

Our company's strength is its ability to work collaboratively with clients to clearly define problem statements and to provide innovative but practical solutions in tight timeframes. We've found that long-term alliances help us understand the needs of our partners in depth, form solid working relationships, and progress rapidly to solutions that meet real-life needs.



Multidisciplinary Approach

The scope of our work is comprehensive. We develop drug delivery solutions from a base of fundamental understanding, provide formulation and dosage-form assistance, and advance promising drug candidates all the way to commercialization. Our engineering group has a wide range of tools and the expertise to assist customers in process development and optimization, science of scale, and scale-up and technology transfer. We also operate a current Good Manufacturing Practice (cGMP) facility to produce supplies for regulatory, clinical, and commercial use.



Proven Track Record

Bend Research has decades of experience and a proven track record of success in advancing pharmaceutical compounds and bringing new commercial products to market.

Strong Alliances

At Bend Research, we seek to develop strong alliances with companies that have challenging drug delivery problems to solve. Please call us to learn more about our capabilities.

Define. Innovate. Advance. Deliver.



COMPANY PROFILE



Helping all people
live healthy lives

BD MEDICAL - PHARMACEUTICAL SYSTEMS

1 Becton Drive

Franklin Lakes, NJ 07417

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F: (201) 847-4847

E: BDPS_marketing@bd.com

Website: www.bd.com/pharmaceuticals



BD Medical - Pharmaceutical Systems is dedicated to developing prefilled drug delivery systems designed to fit the needs of the pharmaceutical industry. BD offers a range of products, including glass and plastic prefilled syringes, a nasal spray system and a variety of self-injection devices. We deliver cost-effective alternatives to conventional drug delivery methods, which differentiate pharmaceutical products and contribute to the optimization of drug therapy. All our prefilled devices are designed to meet healthcare professionals' demands for safety and convenience and to fulfill patients' needs for comfort.

With a broad range of innovative devices and services, BD Medical - Pharmaceutical Systems provides pharmaceutical companies with support and resources to help them achieve their goals. Our worldwide presence, market awareness and pharmaceutical packaging know-how allow us to propose suitable solutions for all regional markets and parenteral drug delivery needs.

BD Hypak™

Glass Prefillable Syringes



Customizable Solutions & Unparalleled Support

Strategic Marketing

- An understanding of market trends for parenteral delivery systems
- Recognized leader in safety solutions
- Capable of adapting your product to meet regional needs in a global world

Quality and Regulatory Specialists

- BD Hypak Syringe materials conform to US, European, and Japanese pharmacopoeias
- Drug Master File and a Technical Dossier for product registration worldwide
- Our regulatory experts are ready to assist you



Helping all people
live healthy lives

Technical Expertise

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- Expert project teams are ready to propose innovative solutions to meet your specific drug-delivery needs

**For more information, please call 800.225.3310
or visit www.bd.com/pharmaceuticals**

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Elvicta Business Park
Crickhowell
Powys NP8 1DF UK

BILCARE GCS ASIA
11th Floor, Sai Capital
S B Road
Pune, 411 016 India



Company Description

Bilcare GCS serves the global pharmaceutical and biopharmaceutical industries with clinical trial materials support, services and complete project management.

Our services for solid, semi-solid, liquid, DEA (CI-V) and biotech clinical trial materials (CTM) satisfy a broad range of requirements from preformulation research and development, manufacturing, analytical services and clinical supplies packaging and labeling to IVRS, QP services, controlled-temperature (cold chain) CTM storage, worldwide distribution and returns and destructions accountability.

Our integrated approach provides you with seamless service to support your drug throughout

the entire clinical trial lifecycle. We combine our industry experience and our total clinical supply chain service and delivery to provide smart, efficient and innovative solutions. The result - service and quality beyond compliance, so that you can count on the highest quality clinical supplies delivered on time, every time.

Facilities

Bilcare GCS supports customers from an integrated network of manufacturing sites and expanded distribution and warehousing facilities across the globe - with major operations in the Americas, Europe and Asia. Our US operation is FDA-registered and DEA-licensed for controlled substances Schedule I-V. Bilcare also has an MHRA-licensed European location in Wales, UK. Bilcare's footprint extends to Asia with a facility in Pune, India. Globally, we provide best-in-class services for clinical supplies management, research, and distribution in more than 50 countries.

Recent enhancements to the US facility include 26 state-of-the-art packaging rooms, new high-speed blistering technology, upgraded large-scale bottling line, and tripling the capacity of the facility's ambient storage capacity. Expanded pre-clinical and early-stage development capabilities include upgraded fluid bed granulation and capsule-filling technology. In Wales, capital investments include a new high-speed blistering line, expanded cold chain and controlled drug storage, and expansion to 13 primary and secondary packaging rooms. Our facility in India is expanding primary and secondary packaging and storage capacity.

Services & Capabilities

Bilcare has core expertise in:

- Formulation Development
- Analytical & Research Services
- Clinical Manufacturing, Packaging & Labeling
- IVRS/IWRS
- Global Logistics & Distribution
- Reconciliation & Destruction Services
- QP Services



Come See the New Face of Bilcare

Meet Vince Santa Maria, President of Bilcare GCS, Americas. He has a fresh perspective to share on global clinical supplies.

Vince is committed to delivering service and quality beyond compliance. In research. In formulation. In packaging. In IVRS. In everything we do. And he's made that commitment part of our culture at Bilcare.

That means when you partner with us, you can count on the highest quality clinical supplies, delivered on time, every time.

Vince will see to it personally.

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- **New state-of-the-art facilities**
- **New global delivery capabilities**

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COMPANY PROFILE



CATALENT PHARMA SOLUTIONS

14 Schoolhouse Road

Somerset, NJ 08873

E: Sales@catalent.com

Website: www.catalent.com

Catalent Pharma Solutions is a leading provider of advanced dose form and packaging technologies as well as development, manufacturing, and packaging services for pharmaceutical, biotechnology, and consumer health companies. Catalent applies its local market expertise and technical creativity to advance treatments, change markets, and enhance patient outcomes. Catalent's proprietary drug delivery and packaging technologies enable customers to achieve their desired clinical and market outcomes, and are used in many well-known products.

With experience in more than 100 countries, extensive knowledge of the pharmaceutical, biotechnology, and consumer markets, and a global facility network that spans five continents, Catalent is well positioned to serve you, wherever you do business.

Our services include:

Development

Catalent offers a full range of product development services, such as preclinical support, API development, analytical services, drug delivery development, clinical manufacturing and packaging, and regulatory consulting services. We have expertise in inhalation development, and can offer innovative biologic cell-line development using our proprietary GPEX® technology.

Drug Delivery

We are the world leader in drug delivery systems. Our technologies include: softgels and Vegicaps® Soft capsules; Zydis® fast dissolve dosage form; oral modified release technologies, and a range of inhaled technologies.

Manufacturing

We provide manufacturing for nearly every major dose form on the market today. Along with our proprietary dose forms, we also manufacture traditional oral, sterile, and inhaled dose forms. We also produce biologics for preclinical and clinical studies.

Packaging

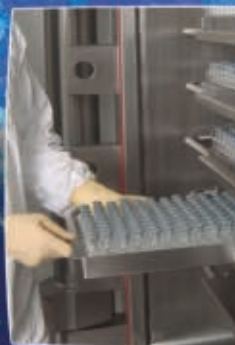
Catalent is the largest provider of packaging services to the pharmaceutical industry. Globally positioned, our packaging services include commercial packaging for all dose forms and the supply of printed components. We specialize in new product launch support and are the recognized leader in the packaging of biotechnology products, and the design and development of innovative compliance packaging and novel unit-dose formats. Our award-winning proprietary designs include RxBarrier® Plus for oral solid medications, DelPouch® for liquids and creams, and DelStrip® for thin film strips.

Innovative solutions. Global capabilities.

Catalent Pharma Solutions offers a continuum of services to support pharmaceutical product development, drug delivery, manufacturing and packaging.

We have the expertise and global resources to accelerate your product's speed to market—with unmatched service and support.

Catalent is well positioned to serve you wherever you do business. Contact us today.



Catalent

For more information, email us at sales@catalent.com or visit www.catalent.com

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Reliable Solutions. Inspired Results.™

COMPANY PROFILE



A DFB COMPANY

DPT LABORATORIES

318 McCullough

San Antonio, TX 78215

T: (210) 476-8100 F: (210) 829-8733

Web Site: www.dptlabs.com



Year Founded: 1990

Number of Employees: 1,200

Key Personnel: Paul Johnson, President; Paul Josephs, Vice President Sales & Commercial Operations;
Marc Iacobucci, Vice President Project Management & Marketing

Who We Are

DPT, a DFB Pharmaceuticals, Inc. company, is a contract development and manufacturing organization (CDMO). DPT provides pharmaceutical, biotechnology, and consumer healthcare companies the best solutions to their drug development and manufacturing needs through innovation, technology, and service. Specializing in semi-solid and liquid dosage forms, DPT has a reputation for quality, unmatched technical expertise, virtually unlimited manufacturing capabilities, and an exemplary regulatory compliance record.

Customers choose DPT as a strategic partner because of our ability to provide fully integrated drug development and manufacturing solutions. DPT customers have confidence that their projects, from concept to commercial manufacturing, will be handled by professionals with unparalleled knowledge and experience, using state-of-the-art equipment and processes.

The ability to develop, manufacture, and commercialize products in semi-solid and liquid dosage forms makes DPT unique. To get your next product to market fast and with confidence, call DPT – The Industry Source for Semi-solids and LiquidsSM.

Drug Development Services

- Pre-formulation and formulation
- Biopharmaceutical development
- Analytical and bioanalytical method development and validation
- Stability studies (ICH conditions & custom)
- Process development and validation
- Pilot and proof-of-concept batches from 0.3 kg
- Clinical trial materials phase I-IV

Packaging Services

- Identification and sourcing of relevant packaging options
- Packaging specification development
- Formulation and package compatibility assessment
- Packaging equipment sourcing, design, and engineering services
- Turnkey sourcing services for unique and specialized packaging

Manufacturing Services

- Five cGMP facilities
- cGMP batch sizes from <8 kg to 22,000 kg
- Controlled substances Schedules II-V
- Extensive packaging capabilities for semi-solids and liquids
- Specialized equipment installation, operational qualification, and validation services

Facilities

Headquartered in San Antonio, TX, DPT has four facilities there and two in Lakewood, NJ, with more than 1 million square feet of state-of-the-art development, manufacturing, packaging, and distribution space.

CDMO (*sē-dē-em-ō*) *n.* a partner that provides both development and manufacturing services all under one roof.

< see DPT >



DPT provides contract development and manufacturing services for some of the world's leading pharmaceutical, biotech, and consumer healthcare companies. Through innovation, technology, and service, our capabilities go unmatched.

From pre-formulation to clinical trial materials Phase I – IV. From unique packaging solutions to validation services. With four cGMP facilities, DPT has the commercialization capabilities to get your product to market fast and with confidence.

Remember, CDMO is our MO. Contact DPT today – *The Industry Source for Semi-solids and Liquids.*SM



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MUST HEAR INSIGHTS FROM THESE HIGHLIGHTED COMPANIES

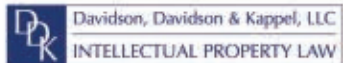
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- 80+ Speakers and experts offering case studies and insights
- 50 panels, presentations and case studies, focused 100% on strategic, operational, and technological improvements!
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- 14 sessions detailing performance improvements for pharma & drug delivery partnering
- Over 13 hours of networking and deal-making time
- 12 sessions and case studies on innovative drug delivery technologies
- 12 networking breaks, breakfasts, luncheons, and cocktail receptions
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How To Compete in A Global Economy

Todd Buchholz, *former White House Director of Economic Policy and Author, New Ideas From Dead CEOs*



Open Business Models – How to Thrive in the New Innovation Landscape

Henry Chesbrough, *Center for Open Innovation, University of California, Berkeley & Best Selling Author*



Innovation In Science and Technology: A Critical Path to Addressing Global Health Inequities

Steven Buchsbaum, Ph.D., M.P.I.A., *Deputy Director, Global Health Discovery, Bill & Melinda Gates Foundation*



Building Brand Equity: Drug Delivery and the Mucinex Story

Bob Casale, *Former Chief Operating Officer, Adams Respiratory Therapeutics*



WALL ST ADDRESS

Annual Wall Street Address with David Steinberg: Sector Trends,

Key Products & Technologies to Watch, and Predictions for the Future

David Steinberg, *Managing Director, Equity Research, Specialty Pharmaceuticals and Drug Delivery, Deutsche Bank*



2009 Drug Delivery Industry Update and An Interactive Panel with Drug Delivery Business Experts

Debra Bingham, *Partner, Valeo Partners*

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DSM Pharmaceutical Products offers the flexibility needed in pharmaceutical and biopharmaceutical markets, focusing on services across the value chain.

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DSM is a global provider of high quality custom contract manufacturing and development services, providing:

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Pharma Chemicals provides registered starting materials, registered intermediates, and active pharmaceutical ingredients.

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- :: Galeen, The Netherlands
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- :: Linz, Austria
- :: Regensburg, Germany
- :: Venlo, The Netherlands

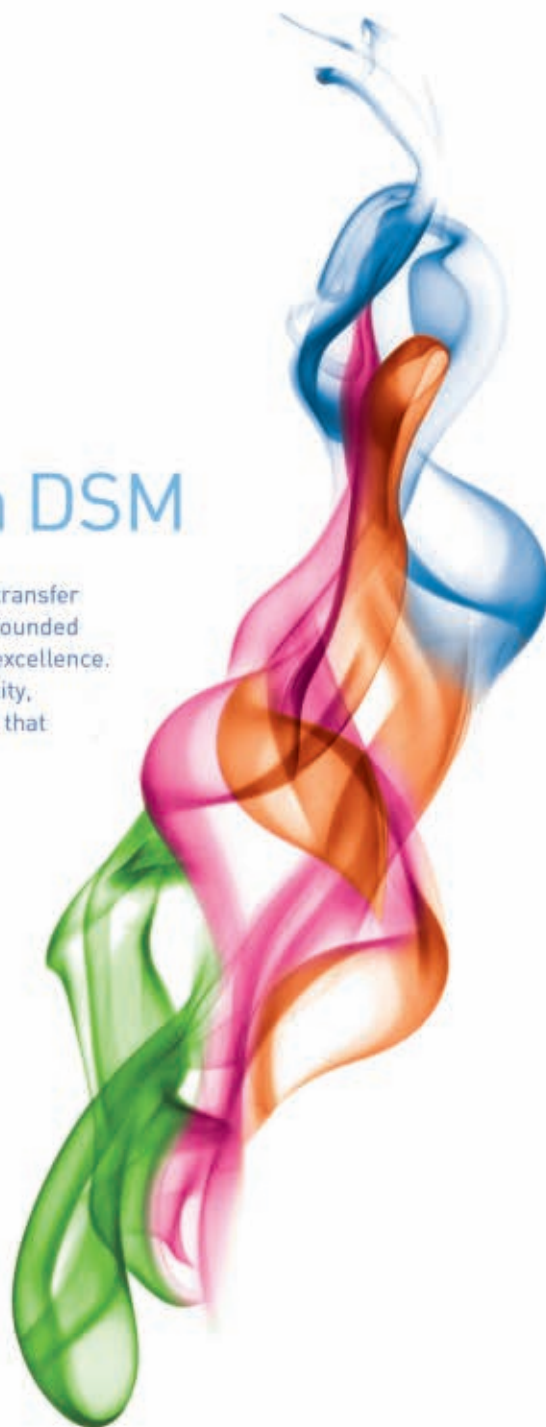
Unlimited. DSM

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Email info.dsmpharmaceuticals@dsm.com
www.dsmpharmaceuticals.com

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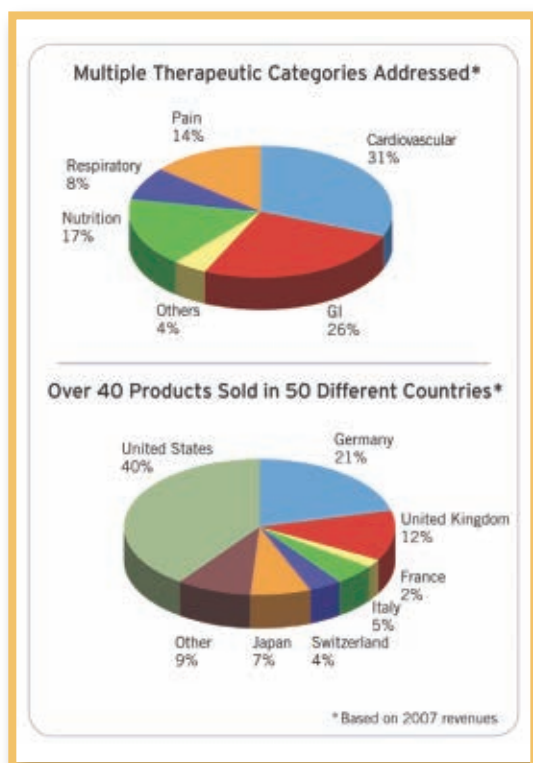
COMPANY PROFILE



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(Milan) Italy

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Vandalia, Ohio 45377

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E: partners@eurand.com
Website: www.eurand.com



Eurand is a global specialty pharmaceutical company that develops, manufactures, and commercializes enhanced pharmaceutical and biopharmaceutical products based on its proprietary drug formulation technologies. Eurand has had 4 partnered products approved by the FDA since 2001 and has a pipeline of product candidates in development for itself and collaboration partners.

Eurand has a strong track-record of developing products using its innovative drug formulation technologies. With integrated manufacturing and R&D facilities in the U.S. and Europe, the company has four primary technology platforms:

- Customized Drug Release
- Bioavailability Enhancement
- Taste Masking / Orally Disintegrating Tablets (ODTs)
- Drug Conjugation

These platforms include 9 distinct technologies and are covered by more than 300 patents. Eurand uses these technologies to develop and expand the Company's own internal pipeline and to partner with pharmaceutical and biopharmaceutical companies to develop their products. Currently, more than 40 products using these technologies

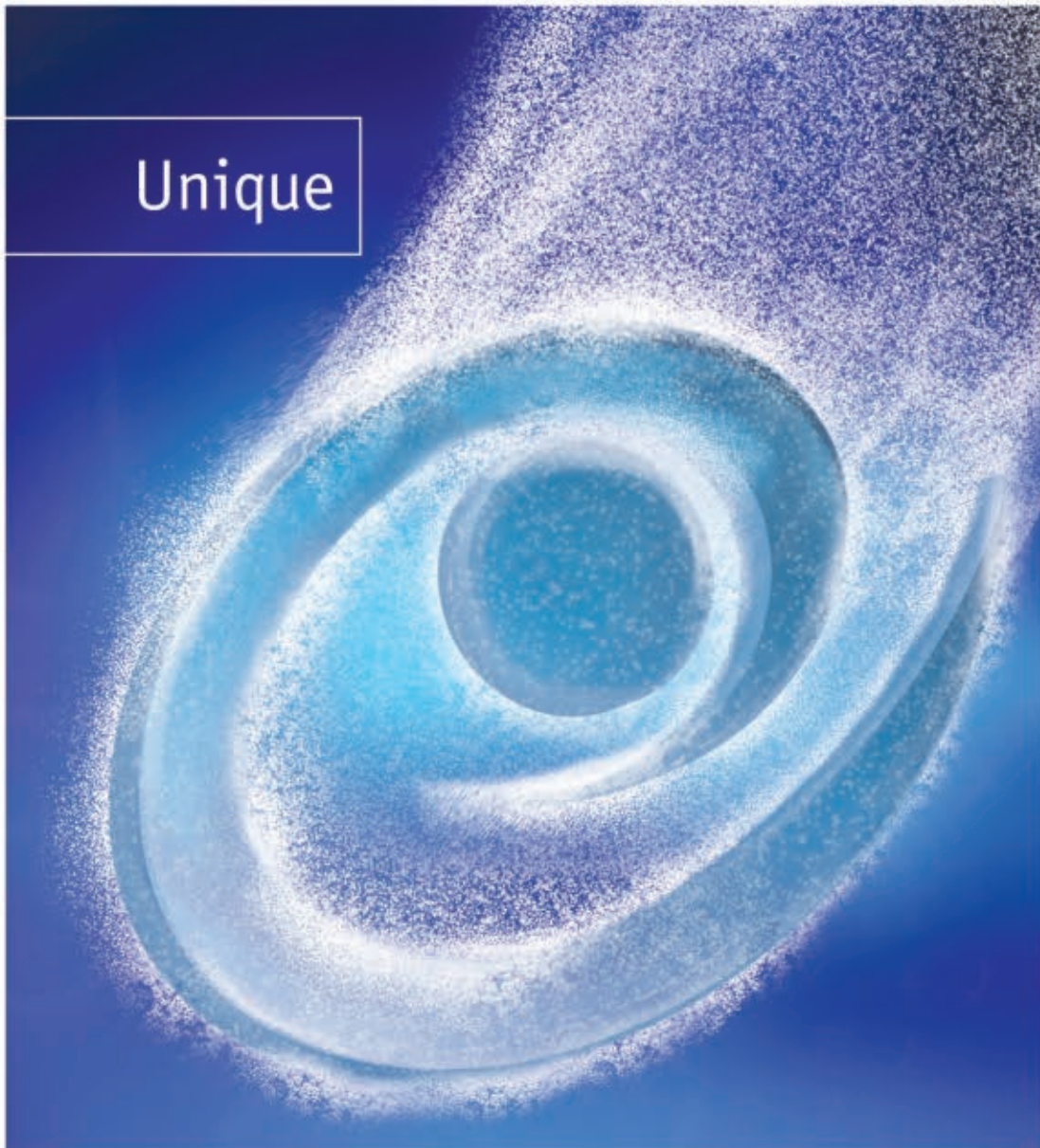
are commercialized worldwide in a range of therapeutic indications.

Eurand is a leading industry partner that provides the broadest range of novel and proven oral drug delivery technologies. Using these technologies, we turn difficult drug candidates into easy-to-administer, successful pharmaceutical products. Additionally, our technologies can be used to enable the creation of new chemical entities and can also be used as innovative and effective life-cycle management tools that can prolong the market life of products.

We have a number of Rx and OTC products available for licensing. In general, these products are new formulations of existing drugs that incorporate one or more of our proprietary drug delivery technologies. We license these products to pharmaceutical companies for marketing throughout the world.

We manufacture all of the products we develop for ourselves and our licensees. Our manufacturing processes and units are integrated with our R&D facilities, thereby facilitating the scale-up and manufacturing process for products in development. Shared facilities, processes, and development teams enhance this strategy. Additionally, we have facilities in the U.S. and Italy approved to process controlled substances. Our manufacturing sites are regularly inspected by national regulatory agencies and our licensees.

Unique



Unparalleled taste Flexible dose Versatile release Robust tablet

AdvaTab[®] The next generation ODT

Eurand's AdvaTab is an orally disintegrating tablet (ODT) technology that combines superior taste and mouth feel properties in a robust tablet. AdvaTab is unique, offering both high dose capacity and modified drug release making it the most broadly applicable ODT available. Utilization of standard tableting processes allows for cost-efficient manufacturing and conventional packaging. The next generation ODT is here!



www.eurand.com

+1-267-759-9340
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CUSTOMIZED DRUG RELEASE

BIOAVAILABILITY ENHANCEMENT

TASTE MASKING AND ODTs

DRUG CONJUGATION

Evonik Company Profile



Evonik Degussa Corporation

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Fax: +1-732-981-5484
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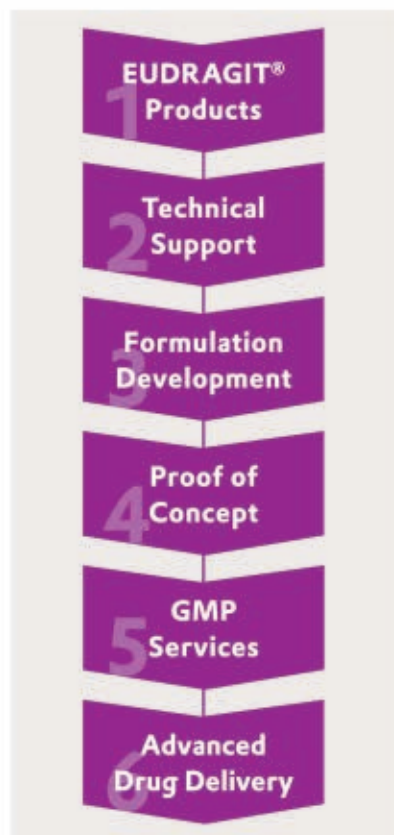
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www.pharma-polymers.com
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Evonik Industries is a global market leader in specialty chemicals, offering a broad portfolio of products & services to meet the drug delivery challenges of the pharmaceutical market. Evonik Pharma Polymers, a business line within the Chemicals Business Area of Evonik Industries, is one of the world leaders in the manufacture and supply of functional coatings for the pharmaceutical industry. EUDRAGIT® acrylic polymers are used for enteric, sustained release and protective formulations. The unique functionality of EUDRAGIT® polymers can also meet high sophisticated drug delivery requirements (e.g. pulsed drug release). We have adapted our services to meet the requirements of the pharmaceutical industry's value chain. As a result, we are able to support our customers in the development process to bring products safely and quickly to the market. From excipients supply to the development of custom tailored drug delivery solutions, our customers benefit from our knowledge and expertise. Pharma Polymers is committed to providing solutions to the pharmaceutical and biopharmaceutical industry in drug development, manufacturing and drug delivery, with products and services that meet requirements during the entire drug development process - from EUDRAGIT® supply via custom development support and GMP services to advanced drug delivery cooperation.

The process chain in formulation development consists of many single demanding steps which are often accelerated when carried out in strategic collaboration with specialists. Pharma Polymers is such a strategic partner, providing global support for local custom-tailored applications: from formulation development via enhanced formulation technologies to unique customer products with individually designed release profiles. Our international network of technical service centers gives you on-site support at every stage of pharmaceutical development, with the same high quality standard and flexible performance anywhere in the world. Benefit from our international team of experts that work for you as soon as you contact a local Pharma Polymers Laboratory. With EUDRAGIT® related products and technologies you gain speed to market, access to new drug delivery technologies, and drugs of enhanced value.

EUDRAGIT® polymers are ideal for enteric delivery, controlled release, and protective coatings. Based on more than 50 years of experience in EUDRAGIT® polymer design and formulation know-how for pharmaceutical applications, Pharma Polymers has developed intellectual property on advanced oral drug delivery technologies. The different brands of EUDRAPULSE®, EUDRACOL®, and EUDRAMODE® are the achievements of this intensive research and development effort so far. All technologies are designed for safe, multi-unit, oral dosage forms. Our business concepts range from platform drug delivery technologies to the development of new enabling drug delivery solutions. Together with our customers we are steadily working on new therapeutic concepts and look forward to also meet your drug delivery challenges. Combining our expertise with your business needs will give you a competitive edge to meet your targets.



Minimize your development risks.

From EUDRAGIT® formulation to clinical samples, your development process is safe with us.

www.eudragit.com/formulation



Evonik's business line Pharma Polymers can help you reduce development risks and time to market. Years of experience have led us to enhanced formulation development processes with EUDRAGIT® Polymers. We offer a continuous process chain from feasibility trials to clinical sample manufacturing with conventional and specialized process technologies. Services from one partner can shorten your development time at an early stage. The result is a fast and safe proof of concept.

For innovative product opportunities, contact us at:
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Evonik. Power to create.



Exemplar—Aerosol Expertise

Exemplar provides both a full range of integrated product development capabilities specific for aerosol products as well as the ability to produce clinical supplies and finished product. Exemplar Laboratories is structured to provide the GLP development services needed to reach the clinical stages of product development and Exemplar Pharmaceuticals is able to produce the necessary cGMP clinical supplies leading to product approval and finished product manufacturing.

Capabilities include the filling of:

pMDIs

- Process development & validation
- Automated high speed filling lines
- Pressure filling (single stage and two stage)
- Canister purging
- Vacuum crimping
- 100% checkweighing
- 100% leak testing (non-water bath)
- 100% spray testing
- Unique equipment designed per client needs
- Individual filled canister labeling
- Variable batch scales, 4L to 1000L
- Secondary packaging
- Full release and stability testing
- In vitro BA/BE testing

DPIs (developed in conjunction with known device companies)

- Formulation blending
- Packaging (cold formed blisters)
- Filling (capsules, blisters, diskettes)
- Blister sealing/cutting
- In process inspections (optical, analytical, seal integrity)
- Secondary packaging/pouching
- Full release and stability testing
- In vitro BA/BE testing

Nasal Sprays


- Automated high speed filling line (single or multiple spray designs)
- Crimp on, snap on and screw on pump sealing
- 100% check weighing
- Individual in line filled bottle labeling
- In process inspections
- Secondary packaging
- Full release and stability testing
- In vitro BA/BE testing



Full analytical support for formulation and dosage form development (left); Exemplar's high speed pressure filling line is capable of producing more than 70,000 units per day (center); Exemplar's 250L pressure vessel (right)

X
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Exemplar Pharma, LLC
927 Curren Rd,
Fall River, MA 02720
Ph. 508-324-1481 F. 508-324-1486
www.exemplarpharm.com



Contract Product Development & cGMP Manufacturing of Pharmaceutical Aerosols

Exemplar Laboratories

Product Development Services

- Formulation development
- Dosage form development
- Analytical chemistry
- Bioanalytical chemistry
- Stability programs
- In vitro BA/BE testing
- Process development
- Preclinical supplies

Exemplar Pharmaceuticals

cGMP Manufacturing Services

- State-of-the-art cGMP/GLP facility
- Class 100,000 filling suites for pMDIs, DPIs, nasal and buccal sprays
- Process development and scale up
- Pilot scale manufacturing
- Preclinical, toxicology and clinical supplies
- Dedicated space, staff & equipment available
- Process validation
- Supply chain management
- Labeling and packaging services
- Warehousing



COMPANY PROFILE



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Ramsey, New Jersey 07446
T: (201) 825-8700 F: (201) 825-0389
E: pharmaceuticalservices@glattair.com
Website: www.glattpharmaceuticals.com



Vital Statistics

Year Founded: 1954

Number of Employees: Glatt Air Techniques, Inc., USA ~ 200; Glatt Group, Worldwide ~ 2000

Who We Are

Glatt Pharmaceutical Services is the leading provider of solid dosage form product development, drug delivery technology, and contract manufacturing to the pharmaceutical industry. With over 30 years of experience and innovation, this division of Glatt Air Techniques, Inc., in collaboration with its global Glatt Group affiliates, continues to successfully partner with pharmaceutical companies to bring their difficult-to-craft modified and immediate-release solid dosage products to market. All of our services are provided with the utmost care and attention to quality, efficiency, and unparalleled customer satisfaction.

SERVICES OFFERED

Product Development

We feature a highly experienced and accomplished group of scientists who participate in a teamwork-focused environment in the development of your products. Our R&D team has succeeded in developing products from a broad list of categories, including New Chemical Entities, Product Line Extensions, Over-the-Counter, and Generic Drug Products. Our R&D services are supported by a complete line of analytical capabilities in our newly expanded laboratory.

Building on our expertise in fluid bed and solid dosage technology, we deliver a complete R&D program including:

- Analytical Methods Development
- Formulation Development
- Process Development (Aqueous & Organic Solvent Processing)
- cGMP Clinical Trial Material Production
- Process Scale-Up
- Technology Transfer for Manufacturing

Drug Delivery Technologies

With a focus on modified release, Glatt offers new and novel enabling proprietary technologies for both ANDA and NDA products. The Glatt Wurster HS™ is our hallmark technology platform, offering a robust and broadly applicable process for modified-release coating of fine particles, pellets, and tablets alike, in addition to the formation of core pellets via drug active layering. Glatt Pharmaceutical Services is widely considered the global industry expert in this important and enabling solid dosage technology.

Our newest innovation is the Glatt CPS Technology™ - Controlled Release Pellet System, offering numerous direct pelletization advantages including:

- Ideal core pellet for modified release and ODT products
- High drug loading (up to ~ 90% active)
- Uniformly distributed low doses (down to ~1% active)
- Wide range of mean particle sizes (~ 100 to 1200 µm)
- Narrow particle size distribution (eg, up to 95% of target +/- 100 µm)
- Dense, spherical, smooth, and uniform pellets
- Matrix modified-release pellet capabilities

Contract Manufacturing

Our highly experienced and trained staff provides first-class cGMP manufacturing of both bulk intermediates and final solid dosage form products under the highest levels of quality and efficiency standards in the industry. We maintain a 24/7 schedule to meet the market demands placed on the supply of your products.

Our pellet manufacturing capabilities have expanded to provide increased capacity for Wurster HS™ drug layering and functional film coating and direct pelletization using our CPS Technology™.

Facility Expansion

In 2007, Glatt Pharmaceutical Services announced the inauguration of our new solid dosage facility in Ramsey, NJ. Our expanded capability concentrates on complex controlled-release R&D and manufacturing, including organic solvent coating capacity, our proprietary CPS Technology™ pellet system, fluid bed and high-shear granulation and Glatt's unsurpassed Wurster HS™ technology.

To learn more about how we have expanded to serve your needs, please contact us to schedule a visit.

Contract Modified Release Development & Manufacturing from Glatt!

- Glatt Wurster HS™ Pelletizing & Coating
- Glatt CPS™ Pelletizing
- Glatt Fluid Bed Granulation & Drying
- Glatt High Shear Granulation
- Organic Solvent Processing
- DEA Controlled Substance Capability
- From R & D to Commercial Capacities
- Unrivaled Expertise & Customer Care

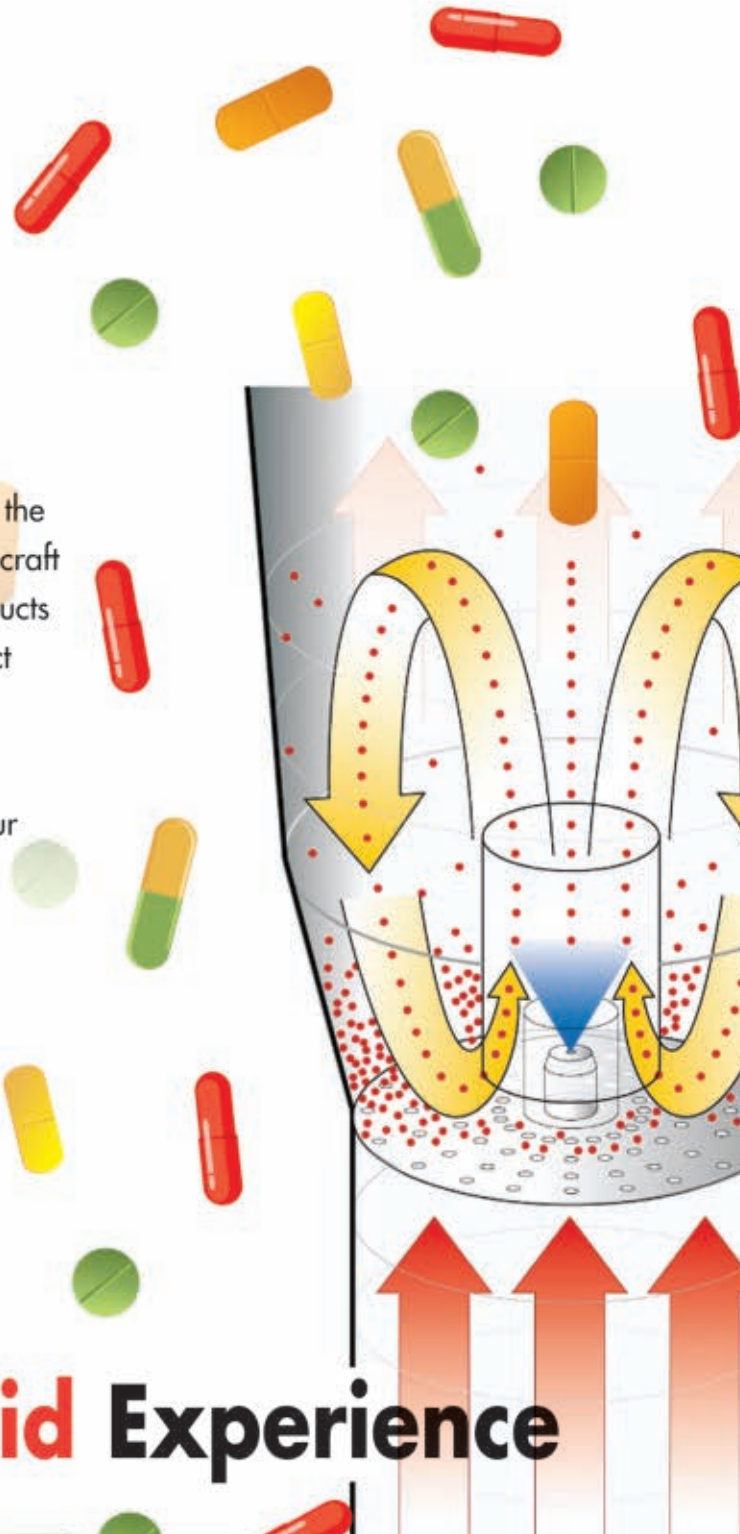
Glatt Pharmaceutical Services specializes in the development and cGMP manufacture of difficult-to-craft modified and immediate release solid dosage products and is the global leader in fluid bed related product formulation, processing technology and full scale commercial manufacturing.

To learn more, contact us to schedule a visit with our accomplished staff at our newly expanded facility.



Ramsey, New Jersey
www.glattpharmaceuticals.com
201.825.8700

Delivering **Solid** Experience



COMPANY PROFILE



HOVIONE

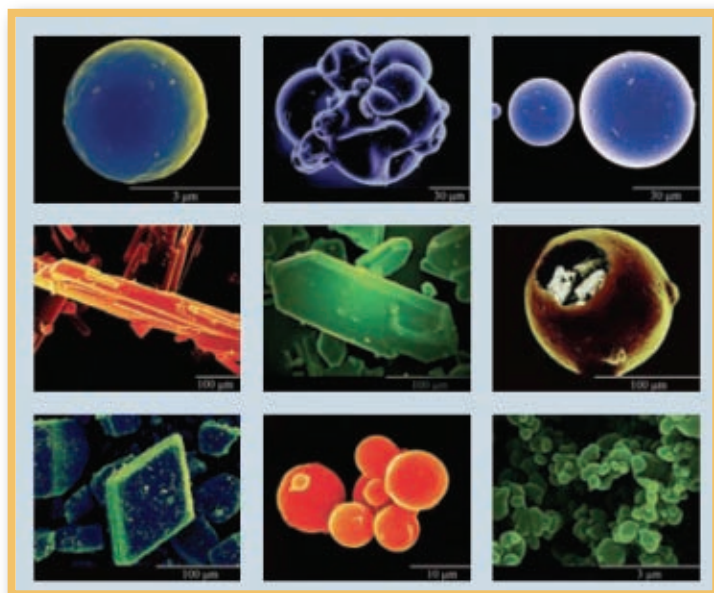
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When you really care about quality and performance, Hovione is the API partner you choose. Hovione is an international group dedicated to the cGMP development and manufacture of APIs, serving exclusively the pharmaceutical industry. With FDA-inspected plants in Europe, the Far East, and the US, Hovione is committed to the highest levels of service and quality. With a 50-year track-record, Hovione offers advanced technologies as well as APIs for all drug delivery systems, from oral to injectable and from inhalation to topical applications. Specializing in complex chemistry and particle engineering, Hovione offers all services related to the development, manufacture, and preformulation of both new chemical entities (NCEs) and existing APIs for off-patent products.

Particle Design Technologies for Enhanced API Performance

Hovione's specialist capabilities in pharmaceutical fine chemicals have been enhanced through an extensive range of advanced and proven enabling technology platforms to address specific formulation and bioavailability issues through proven state-of-the-art Particle Design solutions.

Our state-of-the-art cGMP spray-drying facilities offer our customers a Path To Commercialization. These facilities provide our customers the ability to not only control particle size but also the morphology of the product, which allows for the optimization of the particle and delivery characteristics of preformulated APIs. Hovione can perform a wide range of feasibility studies, from just a few grams to full-scale commercial production, to meet your specific product requirements.

Hovione's Particle Design expertise combines a range of proven enabling technology platforms, which include spray-drying, spray-congealing, jet-milling, wet-milling, and ultrasound-assisted crystallization. These Particle Design capabilities are further complemented by our ability to manufacture your API (including potent APIs) or to perform formulation studies for inhalation development using Hovione's Dry Powder Inhalers or other inhalers. Our aim is to provide our customers solutions for their complex drug delivery concerns.

For further information please visit www.hovione.com



What it feels like when High Potency Spray Drying makes your new drug work more effectively.

Improved solubility and increased bioavailability are just two of the advantages you get with High Potency Spray Drying from Hovione. We're the first manufacturing partner to offer true multi-scale cGMP facilities for Advanced APIs. To find out more about this and our other capabilities, visit us at www.hovione.com or call us now on Worldwide +351 21 982 9451, or North America +1 609 918 2466

Active anticipation, assured results.



Exclusives

Inhalation

Particle Design

Generics

COMPANY PROFILE



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INNERCAP Technologies, Inc. offers NOVACAPS™, a multi-phase, multi-compartment single pill solution for difficult combination drugs. The proprietary NOVACAPS™ delivery system accommodates otherwise incompatible pharmaceutical agents, solid or liquid, in a single-dosage, combination product. The delivery system also provides the option of working with multiple release profiles for the actives administered in the delivery system. Surging worldwide interest in such combination formats is evidenced by the FDA's initiative to advance the development of single-dosage forms for delivery of multiple HIV/AIDS drugs.

With the INNERCAP delivery system, therapeutic entities that have never been combined previously can now be administered together, via an oral, implanted, or a suppository capsule, in the most advantageous pharmacokinetic profile, utilizing different physical phases. This approach maximizes bioavailability and, at the same time, addresses patient compliance issues that often plague multi-drug regimens.

The NOVACAPS™ delivery system can be used for all therapeutic classes, such as immunologic, cardiovascular, neurologic, psychiatric, oncologic, and pain management.

The INNERCAP delivery system also provides a solution to overcome the difficult development issues related to bi-layer tablets. This will provide companies with a quicker and efficient solution to transition innovations smoothly from development, through the clinical phase, and into commercialization — ultimately reaping the financial fruits of their labor.

NOVACAPS™ offers a significant first-to-market advantage by minimizing valuable time in R&D when the product could be in clinical trials determining the patient response to a new combination product.

Companies interested in a novel solution for life-cycle management issues, patent protection, increased compliance, combination drugs, reduced counterfeiting, increased stability, multiple release profiles, increased bioavailability, barriers to entry, higher perceived value, and branding opportunities with difficult formulation issues can contact INNERCAP Technologies.

THE ADVANTAGES

OF MULTI-PHASE, MULTI-COMPARTMENT CAPSULES ARE CLEAR

Deliver Incompatible Compounds

Deliver incompatible compounds in a single dosage form with different release profiles.

Multiple Release Profiles

Incorporate one or more release profiles into a single dosage form such as immediate, enteric, targeted, chronotherapy and pulsatile.

Higher Perceived Value

Consumers view multi-phase, multi-compartment capsules as having a higher perceived value than ordinary tablets, capsules and soft gels.

Choice of HPMC or Gelatin Capsules

With multi-phase, multi-compartment capsules you are not limited to just gelatin (animal-based product) but have the option of natural HPMC (hydroxypropyl methyl-cellulose) and alternative capsule materials.

Better Visual Appeal

Multi-phase, multi-compartment capsules have none of the dust and residue associated with powder capsules. Better visual product appearance translates to higher perceived value.

Increased Absorption and Bioavailability

Liquids naturally offer faster and increased absorption and availability of active ingredients.

Increased Profit Potential

Add up all the advantages. Expect higher sales...and high margins!



Multi-Phase System

Compounds can be delivered with the most advantageous pharmacokinetic profile such as liquids and solids

Faster Development

Multi-phase, multi-compartment capsules reduce the development time compared to bi-layer tablets to get a new product into clinical trials faster.

Smaller Capsules

Hard-shell capsules have thinner wall construction, allowing them to contain more ingredient in a smaller capsule versus thicker-shelled soft gel capsules.

Hard shells have faster and more complete dissolution than soft gels.

Less Odor and Less Irritation

Reduces unpleasant ingredient taste and odor commonly found with tablets and traditional capsules. And, liquids provide less irritation than traditional delivery methods.

Tamper Proof Sealing

Band sealing reduces tampering and provides a non-permeable barrier to retard oxidation and increase shelf-life.

Unique Appearance

This new delivery system stands apart from look-alike products that crowd retail shelves.

Compounds

Deliver Pharmaceutical, bio-pharmaceutical and nutraceuticals in a single dosage form.



Patent Pending US-2005-0008690-A1

COMPANY PROFILE

MICRODOSE TECHNOLOGIES

MICRODOSE TECHNOLOGIES, INC.

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Website: www.microdose-tech.com

Contact: Scott Fleming, Sr. VP, Sales & Marketing, (732) 355-2114, sfleming@microdose-tech.com



Changing the Way the World Takes its Medicine!

MicroDose Technologies is a specialty pharmaceutical company successfully pioneering the creation of next-generation products utilizing its proprietary drug delivery technologies. MicroDose's Dry Powder Inhaler (DPI) and PolyCap™ combination oral dose capsule system promise to dramatically improve efficacy and compliance. Our multidisciplinary team is dedicated to delivering these innovative products to help transform the lives of patients suffering from a wide range of debilitating diseases.

MicroDose's next-generation DPI is a state-of-the-art electronic inhaler providing superior delivery for both small and large molecules to the lungs.

Advantages

- Highly efficient piezo driven action
- Flow rate and orientation independent
- Coordination independent breath activation
- Formulation and design flexible
- Single and multi-unit dose embodiments
- Moisture protective blister system
- Electronic dose feedbacks to encourage proper use

The MicroDose inhaler provides a platform technology that is low cost, reusable, and environmentally friendly, which can support a full pipeline of products in all patient populations and therapeutic categories.

The MicroDose PolyCap™ System

MicroDose's PolyCap™ System is a proprietary approach that enables the rapid development of FDC therapies in a single dose, but separated by a physical barrier. Utilizing the proven strengths of capsules and the advantages of a barrier system, it allows for more rapid development timelines and lower regulatory requirements. Applications are broad, from products targeting the same indication (polypharmacy) to combination products addressing the growing patient populations suffering from multiple ailments (comorbidity), such as hypertension, hyperlipidemia, and type II diabetes.



Advantages

- Potential for FDA exclusivity
- A lower pill burden for improved patient compliance
- Shorter time-to-market (potentially less than 2 years)
- Lower development costs
- Easier manufacture
- Provides a barrier to generic competition

With the PolyCap™ System, the MicroDose FDC approach supplies an effective means to implement life-cycle management strategies, minimize technical and regulatory risk, and enable new product development at a fraction of the cost it takes to bring a traditional combination product to market.

MicroDose Technologies' Commitment

- Creating superior products utilizing its revolutionary drug delivery technologies
- Collaborating with top-tier pharmaceutical and biotechnological partners to develop innovative products.

Please contact us to see how the MicroDose portfolio of products can benefit you.

Join us in Copenhagen

Innovation in Discovery, Diagnostics, and Delivery



Join us in Copenhagen, Denmark, for the 36th Annual Meeting & Exposition of the Controlled Release Society. Together, we'll take in the sights and sounds of CRS at the Bella Center.

- Network with the who's who in the science and business of controlled release from around the globe
- Learn about new technologies and advances in biomaterials, evaluating CR products, gene therapy, nanotechnology, oral drug delivery, proteins and peptides, transdermal, tumor targeting, vaccines, veterinary/animal health, and more
- Initiate new, and strengthen current, partnerships
- Hear world-renowned plenary speakers
- Get acquainted with new products, people, and ideas in the exhibit/poster hall
- Contribute your new findings and results
- Attend industry-focused sessions and workshops

We're really looking forward to seeing you July 18-22, 2009. CRS is always updating the website, so visit www.controlledreleasesociety.org/meeting/default.cfm for current information.

Bella Center by Claus Starup, courtesy of the Bella Center; Tivoli, and Canal Tours by Coes van Roeden, courtesy of Wonderful Copenhagen; Rosenborg Castle courtesy of Wonderful Copenhagen.

COMPANY PROFILE



Creative Partners in a Material World

NU SIL TECHNOLOGY

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E: silicone@nusil.com

Website: www.nusil.com

Contact: Brian Reilly, Product Director – Healthcare Materials



Creative Partners in a Material World

NuSil Technology is a cutting-edge global manufacturer of silicone compounds for the healthcare industries with over 25 years of experience. Developing novel silicone systems, NuSil offers a complete line of customizable adhesives, elastomers, fluids, and gels. We meet the demands of new and innovative technologies by building on our experience and expanding our products and services to offer exclusive silicone solutions specifically designed for drug delivery and medical device products.

Silicone materials may be used as both matrix and reservoir delivery type systems for transdermal, transmucosal, and both long- and short-term implantable devices. Beyond the versatile qualities that have made them a raw material of choice for various drug delivery devices and systems, silicone materials have a proven history of being biologically inert.

Regulatory Support

NuSil has an unsurpassed level of regulatory support for its products. Many NuSil materials are supported by USP Class VI and ISO 10993 testing. NuSil maintains a strong-standing relationship with the US FDA and other global regulatory bodies and is willing to support its materials for long-term implantable and drug delivery applications.

Custom Formulations

If a feature or requirement is not available in an existing product line, NuSil will customize a silicone system keeping critical regulatory considerations in mind for your unique application. Silicones can also be uniquely tailored to influence the release of a wide range of Active Pharmaceutical Ingredients (APIs).

Facilities & Systems

Our materials are uniquely developed or qualified in ISO 9001-2000-certified manufacturing facilities, including an FDA-registered facility – ensuring consistent processes and standards across the globe. NuSil hosts hundreds of customer visits and audits every year, welcoming interaction with our customers.

NuSil's multiple manufacturing locations in the United States are capable of producing batches from less than 1 kilogram to thousands of kilograms. When your custom material is ready to scale up, NuSil can respond quickly and effectively.



We answered the cry.
Hydrophobic or hydrophilic.
Better ways to take your medicine.
NuSil Technology.

New drug delivery materials. They're making life-saving medicines easier to take. And that's helping save patients' lives, while improving their quality of life.

NuSil is proud to be part of it. As a leading provider of custom silicone solutions, our scientists are dedicated to helping innovators innovate.

From ingestible Simethicone to transdermal delivery materials, large batches or small, you can count on NuSil for precise, custom formulations, backed by nearly 30 years of healthcare expertise and extensive regulatory knowledge.

What? When? Where? If it's NuSil, it's no problem.



What's your challenge?
www.nusil.com
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COMPANY PROFILE



PARTICLE SCIENCES

DRUG DEVELOPMENT SERVICES

PARTICLE SCIENCES, INC.

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For over 15 years Particle Sciences has been developing innovative drug delivery solutions for our clients. We are a full service CRO providing complete formulation, GMP/GLP analytic, bioanalytic and clinical trial material manufacturing. We specialize in nanoparticulate, semisolids and combination products.

Unique Capabilities: Fine-particle and nanoscale systems have been a focus of Particle Sciences since its inception in 1991. We work with all dosage forms and offer unique expertise in topical and mucosal drug products.

Technology: Our staff has extensive experience in drug delivery formats including micro- and nanoparticulates, emulsions, suspensions, encapsulated APIs, and controlled-release dosage forms. Particle Sciences has all the necessary instrumentation and in-house expertise to produce and characterize these systems. Additionally, we have a dedicated combination-product team with full compounding and injection-molding capabilities.

Exceptional Staff: Our talented staff come from a variety of backgrounds and includes physicians, engineers, and doctorate-level surface, analytic, material science, and polymer scientists. Combined, the senior management team at Particle Sciences has well over 150 years of experience in innovative drug development.

Integrated Process: Through a combination of preformulation, formulation, analytic, bioanalytic, and manufacturing services, Particle Sciences provides clients with a powerful, integrated solution to most

efficiently take a drug from discovery to the clinic. Each project has a dedicated team and leader to manage the project from start to finish.

Problem-Solving: With years of experience to draw from, Particle Sciences can confidently handle difficult APIs, complicated intellectual property terrains, and challenging delivery goals to arrive at the simplest, most efficient solution to the client's needs.

Efficient: Clients with demanding performance requirements and timelines will benefit from the speed, efficiency, and quality that Particle Sciences delivers.

Collaborative: Particle Sciences maintains an "open-door policy" with its clients and provides ready access to lab facilities and staff. Clients can consider Particle Sciences an expert extension of their in-house development team.

Client-Focused: Clients' projects receive individualized attention. Particle Sciences prefers to take a consultative approach to ensure positive project outcomes and the highest levels of client satisfaction. Projects are overseen and coordinated by a dedicated project manager in conjunction with a cross-functional team.

The #1 event for Clinical Development & Outstanding Professionals



& Other Outsourcing Providers

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ANNOUNCING 2009 KEYNOTE SPEAKER

Terry Bradshaw, Co-Host and Analyst, FOX NFL Sunday and NFL Legend

Having reached the heights of success and survived the depths of depression, Terry Bradshaw discusses how to thrive despite adversity and relentless competition.



www.cropartners.com

COMPANY PROFILE



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Website: www.PharmaCircle.com

PharmaCircle is the One-Stop Service for Pharmaceutical Information!

Products/Pipeline: (research to marketed phase) from companies world-wide searchable by indications, route of administration, and formulation type (180+ categories), phase of development, and territories. The following is also provided for each product:

- news & summaries of clinical results
- formulation, (excipients, color, shape), Drug Delivery (DD) technologies used, dose, and administration-related details
- phase, partnerships, and territories; approval, market, and patent exclusivity info; therapeutic equivalents, labels, and packaging information from FDA/EMEA
- product sales; quarterly/annually for major territories

Drug Delivery: companies, technologies, pipeline/products, deals/news, patents in 180+ DD categories. Technology assessments, compare & contrast tables, and more.

Molecule-Specific Information: structure, molecule type, mechanism, MW, water solubility, BCS class, pKa, logP, charge, chirality, bitterness, t1/2, Vd, Cl, bioavailability, and first-pass and pGP effect (with literature references). Thousands of molecules can be searched by any of the above molecule attributes to identify potential product candidates.

FDA Product Information Module & Search Engine: puts market/Orange Book patent exclusivity, approval dates/history, therapeutic equivalents, labels, packaging, route, and dosage form type information at your fingertips. Excipient search module that lists maximum amount of individual excipients used in each route of administration.

Deals/Acquisitions: for pipeline/products, technologies with financial details (deal value, equity, royalty, milestones, etc) searchable by therapeutic category, DD category, phase, product, company, and date.

Extensive Search Modules: for every detail of products/pipeline, companies, DD technologies, deals, and news. The search results can be output in Excel tables and interactive charts.

Venture Capital: PharmaCircle has investment profile of nearly 700 venture capital companies in Pharma/Bio and drug delivery. The product and pipeline therapeutic categories and the drug delivery routes of investments are provided as tables and charts.

Customer Testimonials

“The PharmaCircle website has a wealth of knowledge that I can use to plan and execute my business strategies. I use the site on a regular basis, and the staff is extremely efficient with special requests that may arise.”

“The PharmaCircle database is the most comprehensive I’ve seen, especially for drugs in development. The website is easy to navigate and saves our company considerable time.”

“PharmaCircle provides a very complete and current perspective on pharmaceutical companies, products, and technology providers. It is being used broadly in my organization by colleagues in scientific, clinical, and business function areas.”

“PharmaCircle is a highly valuable resource for our group. The time and cost savings due to the readily available volumes of pharmaceutical data at our fingertips far exceeds the subscription fees. It is like having extra staff members on call 24/7 to provide us pre-sorted and triaged data for business-critical analyses, and is an integral part of our business process.”

“PharmaCircle is the first place I look for industry and competitive information. They are continually updating their data and incorporating suggestions from direct users. I appreciate this level of customer service and will continue supporting their efforts.”



ONE STOP
service for
product development
& licensing decisions

www.pharmacircle.com

The Only Knowledge Management Service integrating complete drug delivery information into the broader analysis of the Pharma/Biotech Pipeline, Products and Deals

- Complete, comprehensive and up-to-date drug delivery information and analysis for better product decisions
- Detailed scientific and business related information on Pharma/Biotech, Drug Delivery, Specialty Pharma companies, including technologies, pipeline & products acquisitions & deals to facilitate licensing and competitive intelligence efforts
- Interactive and powerful search engine with user customized filters displays strategic information & analysis just the way you want to see them
- Web based service also provides phone & e-mail support

For more Information please visit, www.PharmaCircle.com or contact tkararli@pharmacircle.com at (847) 729 2960

COMPANY PROFILE

PHARMAFORM L.L.C.

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PharmaForm[™] L.L.C.
Excellence & Innovation in the Pharmaceutical Sciences



PharmaForm L.L.C. has an international reputation for delivering novel solutions to challenging problems in pharmaceutical product development, manufacturing, and analytical services. Each member of the PharmaForm team shares a common mission: delivering unmatched excellence and innovation in drug product development; completing each project in a timely and cost-effective manner; and maintaining a customer-focused operational infrastructure. PharmaForm has provided dosage form development and manufacturing services for oral, topical, nasal, and inhalation dosage forms to client groups varying from virtual companies to fully integrated pharmaceutical organizations.

PharmaForm services include:

- Formulation & Product Development
- Analytical Services
- Method Development
- GMP/GLP Manufacturing
- Validation Services
- Quality Control Testing & Stability Storage
- Reverse Engineering
- Patent Litigation Support
- Product & Platform Licensing Opportunities
- Potent Compounds Development & Manufacturing
- Controlled Substances

Company employees practice and maintain quality systems to ensure compliance with Good Manufacturing Practices (GMPs), and products are made under strict adherence to FDA regulations. Manufacturing personnel are highly trained and operate in multi-purpose suites designed to support preparation of pharmaceutical dosage forms for clinical and commercial products.

PharmaForm's state-of-the-art 50,000-sq-ft facility is registered with and inspected by the US FDA and the DEA. The company's 9,000-sq-ft warehouse is temperature controlled and continuously monitored. Multi-product production areas are continuously blanketed with single-pass, HEPA-filtered air and meet ISO Class 8, US Class 100,000 clean room status.

In addition to contract development and manufacturing services, PharmaForm offers licensing opportunities for patented oral and inhalation delivery systems. To support licensing decisions, PharmaForm offers proof-of-principle studies and prototype development for the proprietary platform. Additionally, PharmaForm can support the licensee with formulation and product development activities from early clinical trials to commercial production.

PharmaForm recently announced the launch of EPAS[™] - a particle engineering technology that produces nanostructured particles with properties of high surface areas, rapid dissolution, improved stability, and exceptional bioavailability. EPAS is a powerful approach to overcoming solubility challenges and accelerating drug development.

From early development through late-phase clinical trials, you may look to PharmaForm as a single source for pharmaceutical product development.

Our Expertise – Your Advantage



WHEN THE MOST CHALLENGING PROBLEMS ARISE, WE GET THE CALL.

PharmaForm has an international reputation for developing novel solutions to challenging problems in pharmaceutical product development, manufacturing, and analytical testing. We specialize in working side-by-side with our clients, to deliver customized solutions to product development challenges. **Our Expertise. Your Advantage.**

GMP/GLP Compliant
FDA Registered/Inspected
DEA Licensed/Inspected

Our Services:

- Formulation and Product Development
- Analytical Services
- GMP/GLP Manufacturing
- Method Development
- Validation Services
- Quality Control Testing and Stability Storage
- Reverse Engineering
- Patent Litigation Support
- Product and Platform Licensing Opportunities



To learn more about PharmaForm and how we can assist you with your product development needs, call: Elizabeth Hickman (512) 834-0449 ext. 264, info@pharmaform.com or visit www.PharmaForm.com.

COMPANY PROFILE



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PPD is a global contract research organization at the forefront of the drug development services market. Our innovative technologies, therapeutic expertise, expansive portfolio of services (preclinical through post-approval and labs), and quality commitment are why almost all of the top 50 pharmaceutical and biotechnology companies rely on us. With offices in 33 countries and more than 10,500 professionals worldwide, PPD provides discovery, development, and post-approval services as well as compound partnering programs. Through close collaboration with pharmaceutical, biotechnology, medical device, academic, and government organizations, we help our clients and partners maximize returns on their R&D investments and accelerate the delivery of safe and effective therapeutics to patients.

Discovery Sciences/Compound Partnering

- Biomarker services
- Specialized anti-cancer preclinical lab services and consulting for preclinical-Phase III

Development Services

- Phase I clinic
- Full service Phase II-IIIb clinical studies for multinational regulatory submissions
- GLP bioanalytical, cGMP product analysis, biomarker, and Phase I-IV global central labs
- Therapeutic and specialty groups with dedicated project teams
- Post-approval services, including epidemiology, risk management, and outcomes research; late-stage trials; medical information; product safety; registries; and observational studies
- Clinical data management and information solutions, including consulting and proprietary software tools to speed collection, analysis, and reporting of clinical data

PPD's cGMP Labs:

Our Passion is Science



Focused on Your Results

At PPD, we look at your product a little differently. We view it as our own. So, naturally, we want to see it succeed as much as you do. That's why we integrate our passion for science and our commitment to your study goals into one clear vision of success—assuring you the highest quality results in the industry, on time and on budget.

When you work with PPD's cGMP labs, you get...

- direct contact with technical experts working directly on your project.
- communication that is clear, quick and proactive.
- system flexibility for customized service and reporting.
- the truth: we only promise what we can deliver.

Throughout your study, the process is transparent and you're in control. For our part, count on PPD to keep a close eye on the details, while we keep our sights set on the big picture.

For more information: Call Nick Maraveyas at +910 815 3476, e-mail us at labs@rtp.ppd.com or visit us at www.ppd.com

Biopharmaceutical Testing • Analytical Testing • Inhalation Testing

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COMPANY PROFILE



SCOLR PHARMA

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SCOLR Pharma, Inc. (Amex: DDD) is a specialty pharmaceutical company utilizing its extensive formulation experience together with its proprietary CDT® oral drug delivery platform to develop novel pharmaceutical, over-the-counter, and nutritional products. The Company enjoys a significant differentiated intellectual property position in drug delivery based on five recent and broadly applicable patents. SCOLR has built its intellectual property to include a full platform of oral delivery technologies capable of handling challenging drugs and nutritional ingredients.

CDT® – A Better Oral Drug Delivery Alternative

- New generation of oral delivery technology
- Less complex, cost-effective tablet/capsule formulations
- Uses standard GRAS ingredients and equipment
- Based on 5 recently issued and pending patents
 - Robust and programmable extended release
 - Offers improved absorption consistency
 - Gastro-intestinal (GI) stable formulations
- Applicable to broad range of drug classes and consumer products
- 19 validating clinical studies, n > 800 patients
- Successful commercialization/scale-up
- Marketed at Wal-Mart under Spring Valley brand since 2001



Important Current Collaborations Expand Pipeline

- DR. REDDY'S LABORATORY (DRL) COLLABORATION & LICENSE AGREEMENT
Develop/commercialize CDT-based cardiopulmonary drug.
- PERRIGO COMPANY (PRGO) DEVELOPMENT & DISTRIBUTION ALLIANCE
5 CDT-based nutraceutical products currently on the market. Largest provider of store brand nutritional and OTC pharmaceutical products in the US.
- BIOCRYST PHARMACEUTICALS (BCRX) RESEARCH COLLABORATION
Develop an oral formulation of Peramivir, an injectible drug currently under development by BioCryst for the treatment of seasonal and life-threatening influenza, including the avian flu.
- GLOBAL CONSUMER PRODUCTS COMPANY RESEARCH AGREEMENT
Novel application of SCOLR technology for existing global consumer product.

Surmount Delivery Barriers



With Our Self Correcting Oral Systems

Our suite of patented self-correcting oral delivery systems can handle your most challenging drug or nutritional ingredient. The simple but elegant technology behind our CDT® products provides partners with rapid product development and the highest possible success in clinical trials.

- Our **"Dual Polymer"** platform allows production of novel Matrix tablets and capsules regardless of their initial flow properties.
- Our **"Electrolyte"** platform is capable of custom tailored release profiles, including zero order, that can emulate complex delivery systems (i.e. osmotic pumps, bead systems, layered tablets).
- Our **"Amino Acid"** platform can enhance solubility to allow precision controlled delivery in simple monolithic dosage forms.

CDT, SCOLR, CDT Logo & Design are registered trademarks of SCOLR Pharma, Inc.

SCOLR Pharma, Inc.
Self Correcting Oral Delivery Systems

19204 North Creek Parkway, Suite 100
Bothell, WA 98011
425.368.1057
www.scolr.com



Seeing things others don't. To solve challenges others can't.

The business challenges facing pharmaceutical and biotech companies are rarely one-dimensional. From FDA regulation and compliance to intellectual property protection, litigation, securities enforcement and licensing, the issues you face are complex—and you need a law firm with the 360-degree insight to address them.

WE CALL IT PERSPECTIVE. It's the ability to see around corners. And it's the advantage we offer by combining the regulatory acumen of more than 100 lawyers with high-level government experience, with the expertise of many of the top FDA, litigation, IP, corporate and securities lawyers in the nation.

The insight you need when it matters most.

WILMERHALE® 

We know why it pays to be correctly formulated



At SOLIQS, we approach the pharmaceutical formulation challenge a little differently than others. We understand that as a formulator or manager responsible for drug development at your company, bioavailability may be a primary focus for your increasing number of poorly soluble candidates and compounds. But we also know that getting the right formulation early on can have a major impact on the development of a product and its future success. From optimizing release, to reducing PK variability, to increasing tolerability and minimizing side-effects, to improving stability

and scalability, the right choices will help to safeguard your products against the challenges of the commercialization process.

We have a broad and flexible portfolio of proven drug delivery solutions that can help you make these choices, including SOLIQS Meltrex[®], our proven melt extrusion technology.

To find out more, visit www.soligs.com or call us on +1 877 765 4771 (US) or +49 621 589 2554 (Worldwide).

COMPANY PROFILE



XCELIENCE

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Website: www.xcelience.com

Contact: Randall Guthrie, Vice President



Xcelience is your premier source for formulation development and manufacturing solutions. From preformulation to clinical supplies manufacturing and stability, we have one focus: the success of your project.

Our state-of-the-art equipment, including the Capsugel® Xcelodose® 600 S, XRD, and TF-1 Blister Packaging Thermoformer, combined with our years of experience providing innovative solutions make the path from compound to clinic feel effortless. We are more than just a service. We are formulation development and manufacturing made easy – at last.

Preformulation

At Xcelience, we are aware of the extensive amounts of information required for preformulation, and we can tailor our research to only those pieces of information immediately relevant for developing a certain dosage form.

- Salt Screen
- Polymorph Screen
- Drug Substance Characterization
- Excipient Compatibility
- Accelerated Stability
- Chiral Stability

Formulation

Xcelience has capabilities in formulation development for NDA and ANDA dosage forms, troubleshooting and process development of existing dosage forms, optimization of existing formulations, and qualitative/quantitative evaluation of proprietary dosage forms.

- Solids (tablets, capsules, sustained release, and coatings)
- Semi-solids (ointments, creams, gels)
- Dispersed Systems (emulsions, suspensions)
- Liquids (orals, ophthalmics, parenterals)

Analytical

Analytical capabilities include method development, qualification and validation, raw material testing, stability sample analysis, dissolution testing, residual solvent analysis, chiral determination, cleaning evaluations, and technical packages for drug substances.

Manufacturing

Clinical supplies manufacturing capabilities include API into capsule, tablets and capsules, liquid in capsule, semi-solids, and non-sterile liquid. In addition, we provide reference product blinding, packaging and labeling services, and offer expertise in creation of matching placebo formulation, creation, and qualification of blinded reference product, process qualification, process definition optimization, and technology transfer.

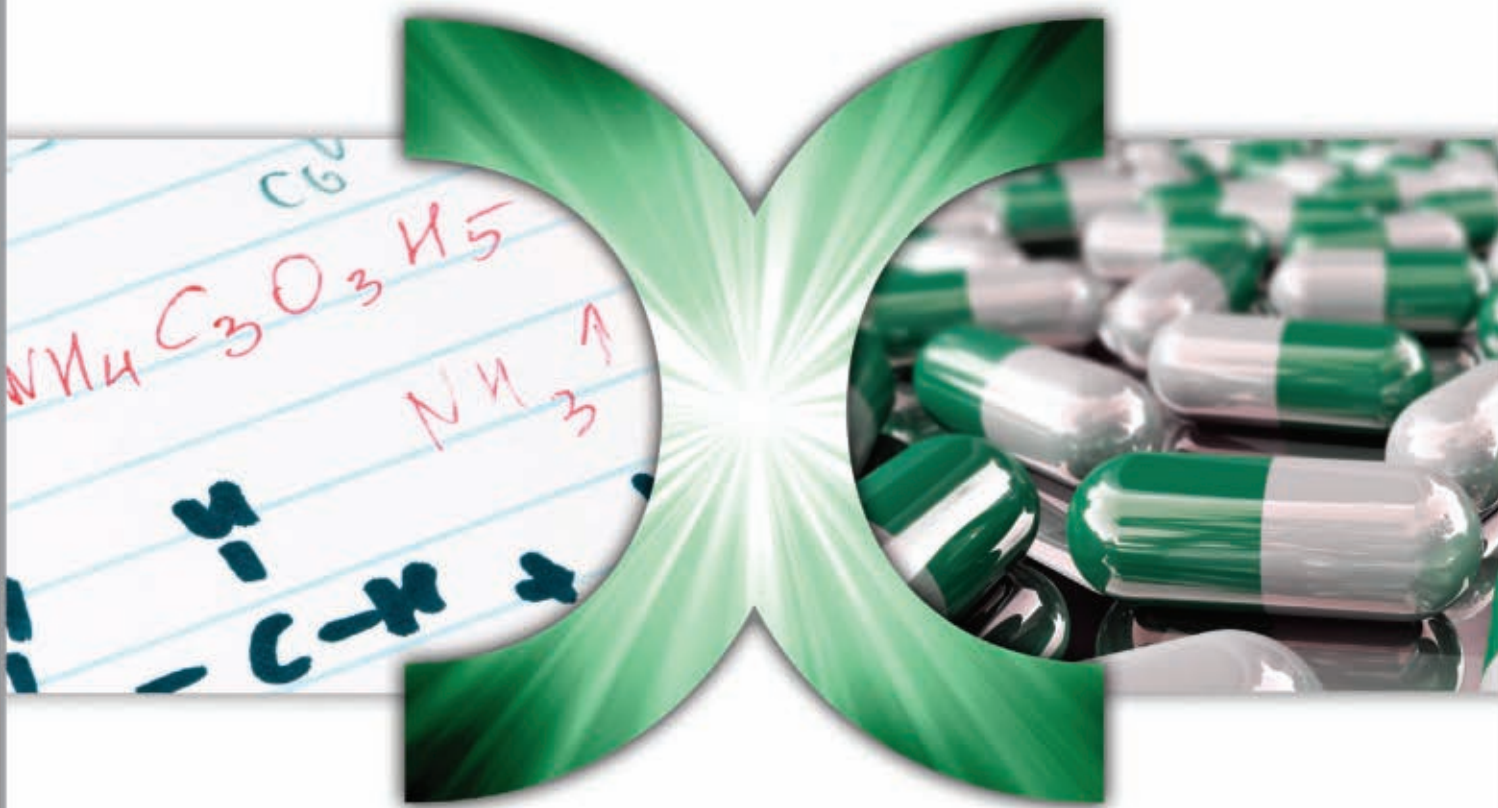
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Bilcare Global Clinical Supplies
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Glatt Pharmaceutical Services
www.glattpharmaceuticals.com
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Huber Engineered Materials
www.hubermaterials.com

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FORMULATION DEVELOPMENT

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Capsugel, a Division of Pfizer
www.capsugel.com

Catalent Pharma Solutions
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Cirrus Pharmaceuticals, Inc.
www.cirruspharm.com

Dow Pharmaceutical Sciences,
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www.dowpharmsci.com

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www.irvinepharma.com

Metrics, Inc
www.metricsinc.com

NOF Corporation
www.NOF.co.jp/dd

Northern Lipids Inc
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www.octoplus.nl

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PharmaForm
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Pharmatek Laboratories, Inc.
www.pharmatek.com

SCOLR Pharma, Inc.
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SOLIQS
Abbott GmbH & Co. KG
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FORMULATION SERVICES

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Omni Pharmaceutical
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SCOLR Pharma, Inc.
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SOLIQS
Abbott GmbH & Co. KG
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GMP AUDITING

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GMP/GLP MANUFACTURING

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What do you *really* know about end-users of drug delivery technologies?

Drug delivery technologies are an important part of the changing Pharma & Biotech industry. Feedback from patients and physicians, in terms of factors such as perception, desired attributes, compliance, and drivers of adoption/non-adoption for different drug delivery types, is therefore vital to developers. Is your company positioned to understand and take advantage of these opportunities for growth?

Frost & Sullivan's Pharmaceutical & Biotechnology group can provide your organization with the research and support it needs to fully understand end-users of Drug Delivery Technologies, and to identify and take advantage of the best opportunities for growth in this market.

Our expert Healthcare analysts:

- Provide objective, 3rd party analysis
- Identify a range of growth options
- Evaluate which options will produce the best Return on Investment
- Work with clients to develop effective implementation strategies

For more information on growth opportunities in the Drug Delivery market, please contact Johanna Haynes at johanna.haynes@frost.com.

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GALENIX
www.galenix.fr

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Polymun Scientific GmbH
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GRANULATION

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Huber Engineered Materials
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HIGH THROUGHPUT SCREENING

Southern Research Institute
www.southernresearch.org

HPLC

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www.bostonanalytical.com

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PPD
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West Analytical Services
www.WestAnalyticalServices.com

IMAGING

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IMMUNOBIOLOGY SERVICES

ICON Development Solutions
www.icondevsolutions.com

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IMMUNOTOXICITY TESTING

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IND/NDA SUBMISSIONS

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IN VITRO TESTING

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Sotax
www.sotax.com

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LIQUID DOSAGE FORMS

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LOGISTICS & DISTRIBUTION SERVICES

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LYOPHILIZATION

Baxter Healthcare Corporation
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com

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Vetter Pharma-Fertigung GmbH
& Co. KG
www.vetter-pharma.com

MACHINERY, DESIGN & CONSTRUCTION

Foster-Miller
www.foster-miller.com

MANUFACTURING, ASEPTIC FILL/FINISH

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MANUFACTURING: APIs

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com

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Metrics, Inc
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Particle Sciences
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Elan Drug Technologies
www.elan.com/EDT

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Filtertek Inc.
www.filtertek.com

Genzyme Pharmaceuticals
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Huber Engineered Materials
www.hubermaterials.com

LTS Lohmann Therapie-
Systeme AG
www.ltslohmann.com

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www.medicomnordic.com

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Enzon Pharmaceuticals, Inc.
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Northern Lipids Inc
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OctoPlus N.V.
www.octoplus.nl

Vetter Pharma-Fertigung GmbH
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MANUFACTURING: PEPTIDES

Genzyme Pharmaceuticals
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MANUFACTURING: SOLUTIONS & SUSPENSIONS

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Elan Drug Technologies
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MANUFACTURING: TRANSDERMAL

3M Drug Delivery Systems
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Corium International, Inc.
www.coriumgroup.com

LTS Lohmann Therapie-
Systeme AG
www.ltslohmann.com

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MATERIALS ANALYSIS

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CONTRACT SERVICES

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MICROENCAPSULATION

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MICRONIZATION

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PACKAGING: CAPSULES

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Pfeiffer of America
www.pfeiffer-group.com

Radius Product Development
www.radiuspd.com

Vetter Pharma-Fertigung GmbH & Co. KG
www.vetter-pharma.com

Xcelience
www.xcelience.com
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PACKAGING: FORM/FILL/SEAL

Catalent Pharma Solutions
www.catalent.com
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PACKAGING: INJECTABLES

BD Medical - Pharmaceutical Systems
www.bd.com/pharmaceuticals
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DSM Pharmaceuticals
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Helvoet Pharma
www.helvoetpharma.com

Safety Syringes Inc.
www.safetysyringes.com

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Pfeiffer of America
www.pfeiffer-group.com

Vetter Pharma-Fertigung GmbH & Co. KG
www.vetter-pharma.com

Xcelience
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PACKAGING: PARENTERALS

BD Medical - Pharmaceutical Systems
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DSM Pharmaceuticals
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Helvoet Pharma
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PACKAGING: POWDERS

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PACKAGING: SOLID DOSAGE

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PACKAGING: UNIT DOSAGE

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West Analytical Services
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PARENTERALS: DEVELOPMENT

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Vetter Pharma-Fertigung GmbH
& Co. KG
www.vetter-pharma.com

PARENTERALS: VIAL FILLING

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Enzon Pharmaceuticals, Inc.
www.enzon.com

PARTICLE-SIZE ANALYSIS

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PRECLINICAL TESTING

Azopharma Product
Development Group
www.azopdogroup.com
See Company Profile

Bilcare Global Clinical Supplies
www.BilcareGCS.com
See Company Profile

PPD
www.ppd.com
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PREFILLABLE SYRINGES

Catalent Pharma Solutions
www.catalent.com
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Safety Syringes Inc.
www.safetysyringes.com

PREFORMULATION

Azopharma Product
Development Group
www.azopdogroup.com
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Bilcare Global Clinical Supplies
www.BilcareGCS.com
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Cirrus Pharmaceuticals, Inc.
www.cirruspharm.com

Exemplar Pharma LLC
www.exemplarpharm.com
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HOVIONE
www.hovione.com
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Particle Sciences
www.particlesciences.com
See Company Profile

PharmaForm
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PPD
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Xcelience
www.xcelience.com
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PROCESS ANALYTICAL TECHNOLOGY (PAT)

HOVIONE
www.hovione.com
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PharmaForm
www.PharmaForm.com
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PROCESS DEVELOPMENT & SCALE-UP SERVICES

Evonik Industries - Pharma
Polymers
www.eudragit.com
See Company Profile

Exemplar Pharma LLC
www.exemplarpharm.com
See Company Profile

Foster-Miller
www.foster-miller.com

Glatt Pharmaceutical Services
www.glattpharmaceuticals.com
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PharmaForm
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PharmaZell Inc.
www.pharmazell.com

Xcelience
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PROCESS R&D

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HOVIONE
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Xcelience
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PROCESS VALIDATION STUDIES

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HOVIONE
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PharmaForm
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Xcelience
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PROTEIN ANALYSIS

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QA/QC

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DSM Pharmaceuticals
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Exemplar Pharma LLC
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CONTRACT SERVICES

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PharmaForm
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PPD
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SYSTEMS INC.
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www.bostonanalytical.com

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Elan Drug Technologies
www.elan.com/EDT

Eurand
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Exemplar Pharma LLC
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Particle Sciences
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PPD
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Radius Product Development
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Spraying Systems Co.
www.spray.com

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RAW MATERIAL ANALYSIS

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Irvine Pharmaceutical Services
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REGULATORY

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GALENIX
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ICON Development Solutions
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RESEARCH, CONTRACT

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Spraying Systems Co.
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SEMISOLID DOSAGE FORMS

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www.enzon.com

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www.vetter-pharma.com

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Pacific Biometrics, Inc.
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TRANSMUCOSAL FILMS

LTS Lohmann Therapie-
Systeme AG
www.ltslohmann.com

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VALIDATION SERVICES

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www.azopdogroup.com
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Corium International, Inc.
www.coriumgroup.com

Henkel Corporation (National Adhesives)
www.transdermaladhesives.com

NuSil Technology
www.nusil.com
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AEROSOLS

Activaero America, Inc.
www.activaero.com

Azopharma Product Development Group
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Exemplar Pharma LLC
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DuPont
www2.dupont.com/Dymel_Pharmaceutical/en_US/

INEOS Fluor
www.zephex.com

Lablabo
www.lablabo.com

PPD
www.ppd.com
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ANTIADHERENTS

Azopharma Product Development Group
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AUTOINJECTION

Azopharma Product Development Group
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Bang & Olufsen Medicom
www.medicomnordic.com

Meridian Medical Technologies, Inc.
www.meridianmeds.com

Safety Syringes Inc.
www.safetysyringes.com

Ypsomed AG
www.ypsomed.com

BIODEGRADABLES

KITOZYME
www.kitozyme.com

Nanomi
www.nanomi.com

BIOMATERIALS

Azopharma Product Development Group
www.azopdogroup.com
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KITOZYME
www.kitozyme.com

BLOOD BRAIN BARRIER

Azopharma Product Development Group
www.azopdogroup.com
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BUCCAL

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CIMA Labs Inc.
www.cimalabs.com

Exemplar Pharma LLC
www.exemplarpharm.com
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Henkel Corporation (National Adhesives)
www.transdermaladhesives.com

PH&T
www.phtpharma.com

PharmaForm
www.PharmaForm.com
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SOLIQS
Abbott GmbH & Co. KG
www.solisqs.com
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CAPSULES

Azopharma Product Development Group
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Capsugel, a Division of Pfizer
www.capsugel.com

Catalent Pharma Solutions
www.catalent.com
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Eurand
www.eurand.com
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Exemplar Pharma LLC
www.exemplarpharm.com
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Glatt Pharmaceutical Services
www.glattpharmaceuticals.com
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Henkel Corporation (National Adhesives)
www.transdermaladhesives.com

INNERCAP Technologies Inc.
www.innercap.com
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MicroDose Technologies, Inc.
www.microdose-tech.com
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PharmaForm
www.PharmaForm.com
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CARDIOVASCULAR

Azopharma Product Development Group
www.azopdogroup.com
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Eurand
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CATHETER

Azopharma Product Development Group
www.azopdogroup.com
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CENTRAL NERVOUS SYSTEM (CNS)

Azopharma Product Development Group
www.azopdogroup.com
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Eurand
www.eurand.com
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Genzyme Pharmaceuticals
www.genzyme pharmaceuticals.com

CHEWABLE

Azopharma Product Development Group
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Balchem Corporation
www.balchem.com

Glatt Pharmaceutical Services
www.glattpharmaceuticals.com
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PharmaForm
www.PharmaForm.com
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SPI Pharma
www.spipharma.com

COATINGS

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Balchem Corporation
www.balchem.com

Evonik Industries - Pharma Polymers
www.eudragit.com
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Glatt Pharmaceutical Services
www.glattpharmaceuticals.com
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COLON

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Eurand
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Evonik Industries - Pharma Polymers
www.eudragit.com
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CONTROLLED RELEASE

AVEVA DRUG DELIVERY SYSTEMS INC.
www.avevadds.com
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www.azopdogroup.com
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Balchem Corporation
www.balchem.com

BASF Corporation
www.pharmasolutions.basf.com

Bend Research, Inc.
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Catalent Pharma Solutions
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www.cimalabs.com

Elan Drug Technologies
www.elan.com/EDT

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Glatt Pharmaceutical Services
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LifeCycle Pharma
www.lcpharma.com

Nanomi
www.nanomi.com

Nanotherapeutics, Inc.
www.nanotherapeutics.com

NuSil Technology
www.nusil.com
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OctoPlus N.V.
www.octoplus.nl

Penwest Pharmaceuticals Co.
www.penwest.com

PharmaForm
www.PharmaForm.com
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Philips Research
www.research.philips.com/TIPS

SCOLR Pharma, Inc.
www.scolr.com
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Sharmatek, Inc.
www.stk-inc.net

TransPharma Medical Ltd.
www.transpharma-medical.com
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DISINTEGRANTS

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BASF Corporation
www.pharma-
solutions.basf.com

International Specialty Products
www.ispcorp.com

DRUG TARGETING

Activaero America, Inc.
www.activaero.com

Bend Research, Inc.
www.bendres.com
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KITOZYME
www.kitozyme.com

DRY POWDER INHALERS

Astech Projects
www.astechprojects.com

Bang & Olufsen Medicom
www.medicomnordic.com

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Radius Product Development
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Rexam Pharma
www.rexam.com/pharma

ELECTROPORATION

Inovio Biomedical Corporation
www.inovio.com

ENCAPSULATION

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Philips Research
www.research.philips.com/TIPS

EXCIPIENTS

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BASF Corporation
www.pharma-
solutions.basf.com

Cydex Pharmaceuticals, Inc.
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DuPont
www2.dupont.com/Dymel_Pharmaceutical/en_US/

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Huber Engineered Materials
www.hubermaterials.com

INEOS Fluor
www.zephex.com

Mallinckrodt Baker, Inc.
www.mallbaker.com

NOF Corporation
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GLIDANTS

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www.hubermaterials.com

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Ypsomed AG
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POLYMERS

Dow Chemical
www.dow.com

Evonik Industries - Pharma
Polymers
www.eudragit.com
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International Specialty Products
www.ispcorp.com

PURAC America
www.purac.com

POLYSACCHARIDES

KITOZYME
www.kitozyme.com

SWEETENERS

Asahi Kasei America, Inc.
www.ceolus.com

BLOW-FILL-SEAL

Weiler Engineering
www.weilerengineering.com

**MICRO-DOSING
SYSTEMS**

Capsugel, a Division of Pfizer
www.capsugel.com

POLYVINYLPIRROLIDONE

International Specialty Products
www.ispcorp.com

TABLETS

Asahi Kasei America, Inc.
www.ceolus.com

**CALORIMETRY
TESTING EQUIPMENT**

Shimadzu Scientific
Instruments
www.ssi.shimadzu.com

**PARTICLE SIZING
EQUIPMENT**

Shimadzu Scientific
Instruments
www.ssi.shimadzu.com

POWDERS

Dow Chemical
www.dow.com

TASTE-MASKING

Asahi Kasei America, Inc.
www.ceolus.com

CAPSULE FILLING

Capsugel, a Division of Pfizer
www.capsugel.com

QA/QC EQUIPMENT

Shimadzu Scientific
Instruments
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PROPELLANTS

DuPont
www2.dupont.com/Dymel_Pharmaceutical/en_US/

Evonik Industries - Pharma
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**CHROMATOGRAPHY
SYSTEMS**

Shimadzu Scientific
Instruments
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SOFTWARE

Shimadzu Scientific
Instruments
www.ssi.shimadzu.com

INEOS Fluor
www.zephex.com

Gattefossé USA
www.gattefossecorp.com

The Dow Chemical Company
www.dow.com

QUICK-DISSOLVE

SPI Pharma
www.spipharma.com

Mallinckrodt Baker, Inc.
www.mallbaker.com

**DISSOLUTION
EQUIPMENT**

Logan Instruments Corporation
www.loganinstruments.com

**SOLID DOSAGE
EQUIPMENT**

LCI Corporation
www.lcicorp.com

SOLUBILIZERS

BASF Corporation
www.pharmasolutions.basf.com

Cydex Pharmaceuticals, Inc
www.cydexpharma.com

Gattefossé USA
www.gattefossecorp.com

NOF Corporation
www.NOF.co.jp/dd

Sotax
www.sotax.com

EXTRUSION

LCI Corporation
www.lcicorp.com

Northern Lipids Inc
www.northernlipids.com

SPECTROMETERS

Shimadzu Scientific
Instruments
www.ssi.shimadzu.com

SOLVENTS

BASF Corporation
www.pharmasolutions.basf.com

Gattefossé USA
www.gattefossecorp.com

Sasol Olefins & Surfactants
www.sasolos.com

GC/MS SYSTEMS

Shimadzu Scientific
Instruments
www.ssi.shimadzu.com

**TABLET TESTING
SYSTEMS**

Logan Instruments Corporation
www.loganinstruments.com

Sotax
www.sotax.com

SUSTAINED RELEASE

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Polymers
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KITOZYME
www.kitozyme.com

The Dow Chemical Company
www.dow.com

HPLC

Shimadzu Scientific
Instruments
www.ssi.shimadzu.com

**LIQUID FILLING &
SEALING MACHINES**

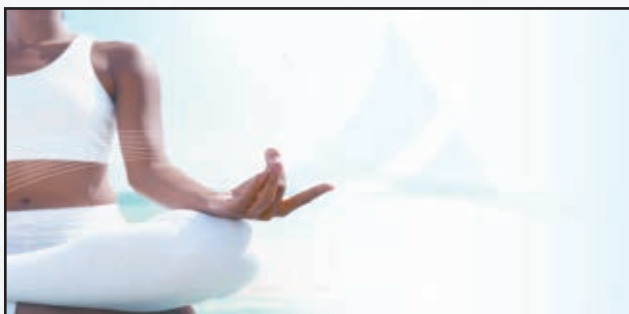
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**MASS
SPECTROMETERS**

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Instruments
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TECHNOLOGY Showcase

LICENSING OPPORTUNITIES



Aveva has numerous products for license from its development pipeline along with a full compliment of R&D capabilities to produce transdermal drug delivery systems that fortify R&D pipelines and maximize product life cycles. Aveva Drug Delivery Systems is one of the world's largest manufacturers of and a pioneer in transdermal drug delivery systems of providing pharmaceutical partners with fully integrated, controlled-release transdermal products that fulfill unmet market needs. Products for licensing include Sufentanil, Fentanyl, Clonidine, and Nicotine. For more information, contact Robert Bloder, VP of Business Development, at (954) 624-1374 or visit www.avevadds.com.

DEVELOPMENT SERVICES



Azopharma Product Development Group, *The Total Product Development Company™*, provides full product development and stand-alone services for the pharmaceutical, biotech, and medical device industries. From discovery and early preclinical studies to manufacturing and commercialization, Azopharma provides the complete spectrum of development services. Our capabilities include Full IND Development, Full NCE Development, Full ANDA Development, and Full Medical Device Development. Our Group of companies include Azopharma Contract Pharmaceutical Services, ApiCross Drug Delivery Technologies, IQsynthesis, AniClin Preclinical Services, Cyanta Analytical Laboratories, ADMEQuant Bioanalytical Services, AvivoClin Preclinical Services, and Acromon Clinical Research Organization. For more information, contact Azopharma at (954) 433-7480 or visit www.azopdogroup.com.

PREFILLABLE DELIVERY SYSTEMS



BD Medical - Pharmaceutical Systems is dedicated to developing prefillable drug delivery systems designed to fit the needs of the pharmaceutical industry. Whether a glass or plastic prefillable syringe, a nasal spray system, a dry drug reconstitution system, an injection or self-injection device, BD Medical - Pharmaceutical Systems provides the expertise and experience required by the pharmaceutical industry in a packaging partner. We deliver cost-effective alternatives to conventional drug delivery methods, which differentiate pharmaceutical products and contribute to the optimization of drug therapy. All of its prefillable devices are designed to meet healthcare professionals' demands for safety and convenience and to fulfill patients' needs for comfort. BD's worldwide presence, market awareness, and pharmaceutical packaging know-how allow it to propose suitable solutions for all regional markets and parenteral drug delivery needs. For more information, contact BD Medical - Pharmaceutical Systems at (201) 847-4017 or visit www.bdpharma.com.

NEW TECHNOLOGIES

Bend Research Inc.
Innovators In Pharmaceutical And Health Science Technologies

Bend Research has decades of experience and a proven track record of success in advancing pharmaceutical compounds. The scope of our work is comprehensive. We develop drug delivery solutions from a base of fundamental understanding, provide formulation and dosage-form assistance, and advance promising drug candidates all the way to commercialization. Our engineering group has a wide range of tools and the expertise to assist customers in process development and optimization, science of scale, and scale-up and technology transfer. We also operate a current Good Manufacturing Practice (cGMP) facility to produce supplies for regulatory, clinical, and commercial use. For more information, contact Bruce Johnson of Bend Research at (541) 382-4100 or e-mailing bjohnson@bendres.com or visit www.bendres.com.

TECHNOLOGY Showcase

CLINICAL SERVICES & SUPPLIES



Bilcare
Research
Global Clinical Supplies

Bilcare Global Clinical Supplies serves the Americas, Europe, and Asia with clinical trial materials support, services, and complete project management. Its services for solid, semi-solid, liquid, DEA (CI-V), and biotech clinical trial materials (CTM) satisfy a broad range of requirements from preformulation research and development, manufacturing, analytical services, and clinical supplies packaging and labeling, to IVRS, QP services, controlled temperature (cold and frozen chain) CTM storage, distribution worldwide, and returns and destructions accountability. Our integrated approach provides you with seamless service throughout your entire project. We combine our industry experience and our total clinical supply chain service and delivery to provide smart, efficient, and innovative solutions. For more information, contact Bilcare Global Clinical Supplies at (610) 935-4300 or www.BilcareGCS.com.

PHARMACEUTICAL SOLUTIONS



Catalent

Catalent Pharma Solutions is a world leader in patented drug delivery technologies. For more than 70 years, we have developed and manufactured advanced drug delivery systems and partnered with nearly every major global pharmaceutical company. We continually work to advance the science of drug delivery and enhance the therapeutic and market performance of our customers' drugs. Our advanced drug delivery technologies bring new options to resolve the technical challenges development scientists face every day. These patented technologies can improve the odds of successful formulation by enhancing bioavailability, optimizing the rate of release, and targeting the site of absorption. Our technologies include softgel and Vegicaps® Soft capsules; Zydis® fast-dissolve dosage form; modified-release technologies; and a range of inhaled technologies, including MDIs, DPIs, nasal sprays, and solutions/suspensions for inhalation, nebulizers, and liquid inhalers. For more information, contact Catalent Pharma Solutions at (866) 720-3148 or visit www.catalent.com.

DEVELOPMENT & MANUFACTURING



DPT is a contract development and manufacturing organization (CDMO) specializing in semi-solid and liquid dosage forms. DPT provides fully integrated development, manufacturing, and packaging solutions for biopharmaceutical and pharmaceutical products. DPT is the industry source for semi-solid and liquids — from concept to commercialization and beyond. Drug development services range from preformulation, formulation and biopharmaceutical development, analytical development, and validation through process development. Production capabilities include four cGMP facilities, clinical trial materials, full-scale commercial production, controlled substance registration Class II-V, and complete supply chain management. Packaging services encompass engineering and procurement resources necessary for conventional and specialized packaging. For more information, contact DPT at (866) CALL-DPT or visit www.dptlabs.com.

CUSTOM MANUFACTURING



DSM Pharma Chemicals
PART OF DSM PHARMACEUTICAL PRODUCTS

Relax,
we've got you covered
from **start to finish.**

DSM Pharma Chemicals, a business unit of DSM Pharmaceutical Products, is a global provider of custom manufacturing services to the pharmaceutical industry. Services include advanced intermediates, such as unnatural amino acids and derivatives, registered materials, and active pharmaceutical ingredients. Our technologies include biocatalysis, homogeneous catalysis, fermentation, and chiral technologies. DSM delivers comprehensive custom manufacturing services to the spectrum of pharmaceutical companies, including emerging pharmaceutical companies and large pharmaceutical companies. From clinical to commercial services, DSM focuses the right resources on providing the highest level of service and quality, while applying innovative solutions to satisfy customers' unique manufacturing needs. For more information, contact DSM Pharma Chemicals at (973) 257-8011 or visit www.dsmpharmaceuticals.com.

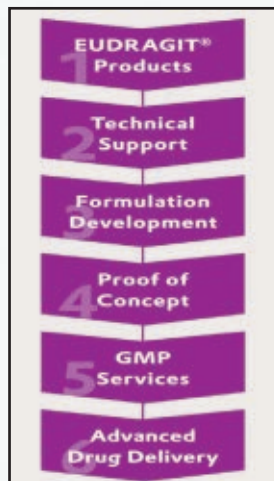
TECHNOLOGY Showcase

BIOAVAILABILITY ENHANCEMENT



Biorise® increases the “intrinsic dissolution rate” of poorly water-soluble drugs, thereby enhancing their bioavailability and/or onset of action. Eurand’s proprietary Biorise and Diffucaps® technologies can be applied to enable formulation of insoluble drugs and to improve the rate and extent of absorption of drugs from oral dosage forms. Diffucaps is a multiparticulate system that provides flexible dosage strength, required PK profile, and optimal release profiles for single drugs and drug combinations. The Diffucaps drug-release system can also be used in combination with other Eurand technologies to enhance drug solubility in the GI tract. For more information, visit Eurand at www.eurand.com or email us at partners@eurand.com.

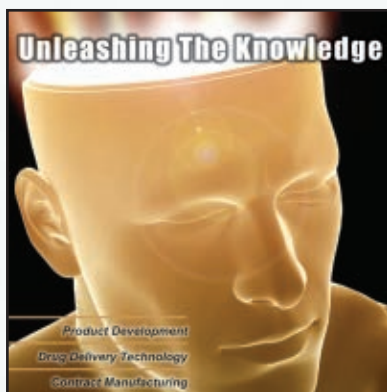
PHARMA POLYMERS



Evonik Industries is a global market leader in specialty chemicals, offering a broad portfolio of products and services to meet the drug delivery challenges of the pharmaceutical market. Evonik Pharma Polymers manufactures EUDRAGIT® acrylic polymers used for enteric, sustained-release, and protective formulations. The unique functionality of EUDRAGIT polymers can also meet high sophisticated drug delivery requirements (eg, pulsed drug release). We have adapted our services to meet the requirements of the pharmaceutical industry’s value chain. As a result, we are able to support our

customers in the development process to bring products safely and quickly to the market. From excipients supply to the development of custom tailored drug delivery solutions, our customers benefit from our knowledge and expertise. For more information, contact Evonik Degussa Corp., Pharma Polymers at (732) 981-5383 or visit www.eudragit.com.

PHARMA DEVELOPMENT SERVICES



It is critical for a service provider to meet the technical, financial, and timing demands of projects and offer clients first-class expertise and capabilities throughout the world. The Glatt Group has been supplying solid dosage technology, equipment, integrated systems, and processing expertise to the global pharmaceutical industry for the past 50

years along with the highest level of support and commitment possible. Glatt uses this extensive experience to provide solutions to partners from the initial concepts in product and formulation development through process scale-up to commercial manufacturing of solid dosage products. With facilities in New Jersey, Germany, and Switzerland, Glatt is uniquely positioned to apply its considerable solid dosage development and manufacturing assets to major markets within the industry. For more information, contact Glatt Pharmaceutical Services at (201) 825-8700 or visit www.glattpharmaceuticals.com.

MANUFACTURER & API SPECIALIST



Hovione is an international group dedicated to the cGMP development and manufacture of APIs, serving exclusively the pharmaceutical industry. With FDA-inspected plants in Europe, the Far East, and the US, Hovione is committed to the highest levels of service and quality. With a 50-year track-record, Hovione offers

advanced technologies as well as APIs for all drug delivery systems, from oral to injectable and from inhalation to topical applications. Specializing in complex chemistry and particle engineering, Hovione offers all services related to the development, manufacture, and preformulation of both NCEs and existing APIs for off-patent products. Our aim is to do well what is difficult, to give our customers what they cannot find elsewhere. For more information, visit Hovione at www.hovione.com.

TECHNOLOGY Showcase

COMBINATION CAPSULE TECHNOLOGY



InnerCap offers an advanced patent-pending multi-phased, multi-compartmentalized capsular-based delivery system. The system can be used to enhance the value and benefits of pharmaceutical and biopharmaceutical products. Utilizing two-piece hard shell capsules, the technology offers the industry solutions to problems affecting pharmaceutical companies, patients, and healthcare providers. The delivery

system will be licensed to enhance pharmaceutical and biopharmaceutical products. It is a very effective way to deliver multiple active chemical compounds in different physical phases with controlled-release profiles. The delivery system provides the pharmaceutical and biopharmaceutical industries with beneficial solutions to the industry's highly publicized need to repackage and reformulate existing patented blockbuster drugs with expiring patents over the next 5 years. For more information, contact InnerCap Technologies, Inc., at (813) 837-0796 or visit www.innercap.com.

NEXT-GENERATION PRODUCTS



MicroDose Technologies is pioneering the creation of next-generation products utilizing its proprietary technologies. MicroDose's Dry Powder Inhaler (DPI) and PolyCap™ combination oral dose capsule system promise to dramatically improve efficacy and compliance. MicroDose's next-generation DPI is a state-of-the-art electronic inhaler providing superior delivery for both small and large molecules to the lungs. It provides a platform technology that is low cost, reusable, and environmentally friendly, which can support a full pipeline of products. MicroDose's PolyCap System is a proprietary approach that enables the rapid development of FDC therapies in a single dose, but separated by a physical barrier. Utilizing the proven strengths of capsules and the advantages of a barrier system, it allows for more rapid development timelines and lower regulatory requirements. For more information, contact MicroDose Technologies, Inc. at (732) 355-2100 or visit www.microdose-tech.com.

PACKAGING SOLUTIONS



Multisorb Technologies provides leadership, innovation, and solutions utilizing active packaging components to manage moisture, oxygen, and/or hydrocarbons in healthcare product packaging to improve product stability. As a single-source provider of a broad range of sorbent materials, devices, and related automated insertion equipment, Multisorb supports its sorbent products utilizing SimulSorb and SimulOx pseudo-empirical modeling programs to help predict physical and chemical stability outcomes for healthcare products in their packaging. From calculations through operations, Multisorb is there for you with a seasoned team of packaging professionals, chemists, biochemists, and engineers, providing skilled resources to understand and solve virtually any product stability issues. For more information, visit www.multisorb.com.

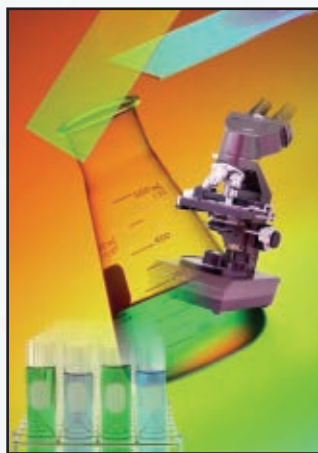
SILICONE MATERIALS



When it comes to drug delivery, NuSil provides numerous solutions that fit a variety of device needs. While most silicone products are customized for individual delivery systems, all are developed with FDA regulatory concerns in mind. In addition to its role as a supplier, NuSil offers research and development capabilities for those looking for proprietary, custom formulations. Regardless of batch size, NuSil delivers quality, high-performance silicone materials based on your unique property requirements, as well as provides precise, custom formulations. NuSil offers an even wider range of silicone material and compound options for transdermal, transmucosal, implanted intrathecal, and external delivery devices, as well as ingestible materials. For more information, contact NuSil Technology at (805) 684-8780 or visit www.nusil.com.

TECHNOLOGY Showcase

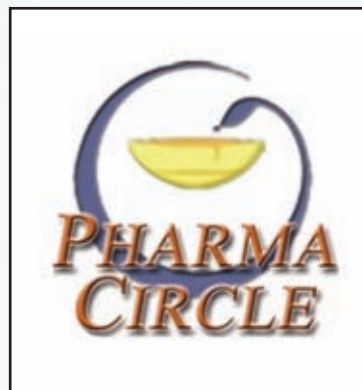
DEVELOPMENT & DELIVERY SOLUTIONS



Founded in 1991, Particle Sciences is an integrated provider of both standard and nanotechnology approaches to drug development and delivery. Through a combination of preformulation, formulation, analytic, bioanalytic, and manufacturing services, Particle Sciences provides clients with a powerful, integrated solution to most efficiently take a drug from discovery to the clinic. Each project has a dedicated team and leader to manage the project from start to finish. With years of experience to draw upon, Particle Sciences can

confidently handle difficult APIs, complicated intellectual property terrains, and challenging delivery goals to arrive at the simplest, most efficient solution to the client's needs. For more information, contact Particle Sciences at (610) 861-4701 or visit www.particlesciences.com.

KNOWLEDGE MANAGEMENT



PharmaCircle is an innovative knowledge management company specializing in the drug delivery, pharmaceutical, and biotechnology fields, with a current client base ranging from start-up life science companies to world leaders in Big Pharma. Clients choose PharmaCircle's services and content for its comprehensive technical

(pipeline, products, molecule, and technology) and business (deals, acquisitions, royalty, licensing, drug revenues, market information, etc) related information and analysis, which are ideal for all segments of small and large companies. PharmaCircle helps facilitate product life cycle management (LCM), partnering, licensing, and competitive intelligence efforts as well as supplements internal efforts and costs at a fraction of the cost if performed internally. For more information, contact PharmaCircle at (847) 729-2960 or visit www.pharmacircle.com.

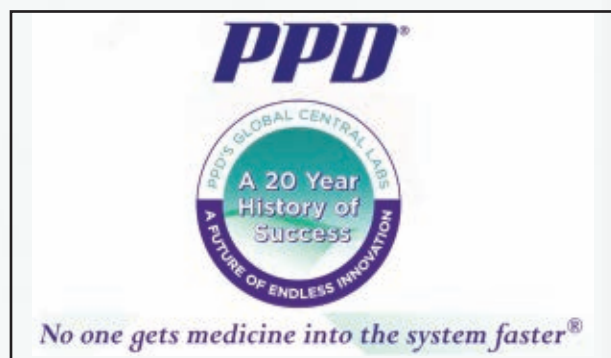
CONTRACT SERVICE PROVIDER



PharmaForm doesn't just provide its clients with creative solutions; it creates successful partnerships. As a pharmaceutical contract service provider, it offers a wide range of formulation, drug product development, manufacturing, analytical testing and stability services, patent litigation support services, and product platform licensing opportunities. Its formulation scientists have core expertise and experience in improving solubility of poorly soluble compounds. One such available technique to clients is Evaporative Precipitation into Aqueous Solutions (EPAS), a

process that causes the formation of nano-sized particles that can help enhance bioavailability of a poorly soluble compound. PharmaForm's state-of-the-art facility is registered with the FDA and the DEA and is cGMP/GLP Compliant. For more information, contact PharmaForm at (512) 834-0449 or visit www.pharmaform.com.

GLOBAL CENTRAL LABS



PPD's global central labs fully support your drug development programs with extensive global reach; logistical expertise; highly customized and flexible services; strong and consistent science and therapeutic expertise; high-quality performance (98.5% data acceptance rate); efficient, accurate, and rapid sample collection; and state-of-the art laboratories with all relevant accreditations and certifications. Through strategically located facilities in North America and Europe, and with the use of sophisticated logistics and courier services, PPD provides clinical laboratory services to investigator sites in virtually every country of the world. PPD recently announced it has expanded its global central lab services into China through an exclusive agreement with Peking Union Lawke Biomedical Development Limited. For more information, contact Rob Danziger at (859) 442-1300 or visit www.ppd.com.

TECHNOLOGY Showcase

CONTROLLED DELIVERY PLATFORM



SCOLR Pharma applies its patented CDT® Controlled Delivery Technologies to develop formulations for companies with pharmaceutical, OTC, and

nutraceutical products. These elegantly simple technologies can be used for controlled-release periods for up to 24 hours and can be manufactured using readily available standard materials and conventional production equipment. SCOLR Pharma partners with companies under contractual arrangements that include licensing fees, royalties, manufacturing contracts, or other mutually agreed upon financial arrangements. SCOLR Pharma's CDT® has the many distinct advantages, including highly programmable (capable of a wide range of release profiles), easy to manufacture (employs conventional manufacturing equipment), cost effective (utilizes standard tableting excipients), higher payload (when compared to other technologies), and strong patent protection (full patent life and easy enforcement). For more information, visit SCOLR Pharma at www.scolr.com.

FORMULATION TECHNOLOGY



For drug developers concerned about formulating poorly soluble compounds, SOLIQS Meltrex is the drug delivery solution. SOLIQS has adapted melt extrusion processes to the manufacture of pharmaceutical formulations, and offers its collaborating partners formulation know-how, competence in polymer and analytical research, and dedicated resources from early feasibility studies through production. Meltrex technology applies heat and pressure to a mixture of active ingredient and thermoplastic polymer. No water or other solvents are necessary. The melt is then extruded and shaped as tablets, granules, pellets, sheets, sticks, or powder. The result is improved bioavailability, specifically designed release profiles, competitive costs, and opportunities for patent protection and life cycle management, adding value to both new molecular entities and established products. SOLIQS and Meltrex are a safe solution for insoluble drug substances. For more information, contact SOLIQS at (877) 765-4771 or visit www.soliqs.com.

DRUG DEVELOPMENT



Xcelience is the premier source for unsurpassed quality in drug development services. The company brings together the industry's most experienced and talented scientists, consistently and efficiently moving compounds through the research and development continuum to regulatory approval. Since 1997, the Tampa-based laboratory has been developing formulations for clients throughout the pharmaceutical industry. Xcelience's unique corporate structure creates project teams that work intensively with each client, bringing an extension of their own organization into the Xcelience lab. The lab uses only state-of-the-art equipment, highlighted by the patented Xcelodose®, which fills API directly to capsules (Xcelodose is a registered trademark of Capsugel BVBA). This and other technologies give Xcelience unparalleled speed to market without compromising its absolute commitment to quality. For more information, contact Xcelience at (608) 643-4444 or visit www.xcelience.com.

PACKAGING MATERIAL



ZEONEX Cyclo Olefin Polymer (COP) offers advanced, break-resistant packaging for protein-based, peptide-based biopharmaceuticals and high-viscosity drugs, as well as contrast media. Its "glass-like" transparency allows for easy inspection of the drug prior to and during injection without the concern of breakage. Because of its low water absorption and high purity, drugs can be stored for longer periods of time compared to other medical plastics. ZEONEX is optimal for protein- and peptide-based drugs because, unlike glass, it overcomes protein adsorption and pH shift of a diluents' concerns. The COP has superior moldability and can be molded for prefilled syringes, pen injector cartridges, and vials ranging from < 10 ml to > 250 ml in size. For more information, contact Zeon Chemicals at (877) 275-9366 or visit www.zeonchemicals.com/breakthroughCOP.

COMPANY DIRECTORY

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F: 919-815-2300
www.aaipharma.com

AAPS

(American Association of Pharmaceutical Scientists)
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ABC Laboratories

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Accupac

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Rochester, NY 14624
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Activaero America, Inc.

P.O. Box 351
Dublin, OH 43017
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F: 614-761-3505
www.activaero.com

Adhesives Research

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F: 717-235-8320
www.adhesivesresearch.com

Advanced BioScience Laboratories, Inc.

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www.abclinc.com

Advion

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www.advion.com

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www.aerovetrx.com

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Austin, TX 78737
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F: 512-615-3574
www.aegisxcellon.com

Akorn, Inc.

2500 Millbrook Drive
Buffalo Grove, IL 60089
P: 800-932-5676
F: 800-943-3694
www.akorn.com

Alcan Packaging

2400 Baglyos Circle
Bethlehem, PA 18020
P: 484-898-5000
F: 484-895-5016
www.alcanpackaging.com

Alcoa Flexible Packaging

6603 West Broad Street
Richmond, VA 23230
P: 804-281-2603
F: 804-281-2238
www.alcoa.com

Algorithm Pharma Inc.

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F: 450-973-2801
www.algopharm.com

Alkermes, Inc.

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Cambridge, MA 02139
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Almac Group

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www.almacgroup.com

Altea Therapeutics Corporation

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www.alteatherapeutics.com

American Peptide Company, Inc.

777 East Evelyn Avenue
Sunnyvale, CA 94086
P: 800-926-8272
F: 408-733-7603
www.americanpeptide.com

Anderson Packaging, Inc.

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www.andersonpackaging.com

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Balchem Corporation

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www.baxterbiopharmasolutions.com

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High Point, NC 27265
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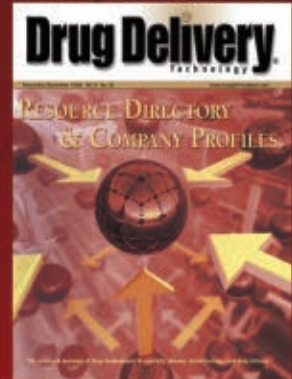
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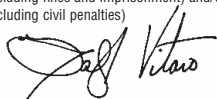
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