

Drug Delivery Information Service



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Technology Catalysts International (TCI) is a global leader in offering drug delivery consulting services. For over 30 years TCI has actively followed the drug delivery industry watching the technology evolve from simple variants for extended release formulations and life cycle management to a more complex technology for the development of patient-centered formulations. TCI has unique expertise in tracking and assessing emerging, as well as proven, technologies from around the world that impact the drug delivery business sector.

As new pharmacological and biological treatments to diseases are rapidly emerging, pharmaceutical companies are facing the challenge of delivering these new drugs to the body. Additionally, the increased magnitude of generic competition has resulted in the necessity to differentiate products to maintain market share. In addition generic companies are obligated to develop more sophisticated formulations as they strive to enhance profitability.

The importance and value of drug delivery systems and technologies are based on the need to:

- Produce precise, predictable drug-release rates resulting in greater efficacy, and reduced toxicity
- Offer enhanced patient convenience that correlates to improved patient compliance
- Provide patient-centered formulations that will move treatment from the doctor's office or clinic to the home setting thereby reducing escalating medical costs
- Differentiate products to increase a company's market share and product portfolio

TCI provides consulting services that address the above needs to the world's leading pharmaceutical and drug delivery companies through our **Drug Delivery Information Services**.

From major multi-nationals to small start-ups TCI has worked with numerous companies, in identifying and assessing unique licensable drug delivery technologies and assisting in business development strategies. This important expertise can now be accessed by subscription through TCI's **Drug Delivery Information Services**.

Drug Delivery Information Services

The Drug Delivery Information Services (DDIS) provide our clients with consulting services, industry reports, market analysis, cutting edge developments, intellectual property information, value proposition, and complete contact information on literally hundreds of companies offering novel drug delivery technologies. A subscription to DDIS offers unlimited access to TCI's vast repository of technical information and expert analysis around the

clock. Through a secure web portal, clients are able to access our consulting services by sending HotLine questions or requesting a specialized Custom Study. TCI's interactive consulting service allows the client to ask questions and receive rapid responses no matter where in the world they are located.

In addition, TCI's user-friendly website gives the client access to three separate databases: Novel Drug Delivery Systems Online, Drug Delivery Pipelines Online, and Drug Delivery Deals.

A subscription to DDIS includes four components:

- 1. HotLine Consulting Services:** Unlimited, rapid-response question and answer service for drug delivery information
- 2. Custom Study:** One in-depth research report that is completely customized for the client based on their request and needs
- 3. Novel Drug Delivery Systems Online:** Up-to-date drug delivery information on over 700 companies including market data, technologies available for license, company information, drug delivery pipelines, and drug delivery collaborations/acquisitions
- 4. Weekly Newsletters:** An exclusive electronic newsletter covering breaking drug delivery developments, newly-issued patents, notable drug delivery business deals, and the latest relevant drug approvals

1. HotLine Consulting Services

One of the most valuable aspects of DDIS is the HotLine question and answer consulting service. Available through a secure client portal on TCI's website, the HotLine service allows access to TCI's highly qualified and experienced personnel around the world for the purpose of answering specific questions in the area of drug delivery. This rapid-response service offers answers to clients' questions within two business days. Examples of HotLine requests include:

- Details of specific formulations
- Technical information regarding drug delivery technology developments
- Government regulatory requirements and legislative trends
- Brief primary and secondary market data
- Sourcing companies with specific technologies
- Contacts for strategic alliances
- Patent searching relating to a specific technology or company
- Status of clinical programs

2. Custom Study

A DDIS subscription includes one Custom Study, which is a single-client report focused on a specific technology or business-related aspect of drug delivery. The Custom Study may be initiated by the client seeking in-depth and/or historical information and usually takes about three months to complete. The Custom Study includes primary interviews to obtain insight on unmet needs or to gather business intelligence. Examples of study requests include:

- Market trends in novel injector devices and related newly-emerging technologies
- Market landscape and pipeline for DDS drugs for osteoporosis and pain
- Overview of dry powder inhalers including development, manufacturing, and business opportunities
- Drug delivery technologies and products using antibodies and conjugated antibodies
- University drug delivery technologies for OTC applications
- Lifecycle management strategies utilizing drug delivery systems
- Excipients for enhancing drug delivery technologies

3. Novel Drug Delivery Systems Online

TCI develops technology and business reviews on drug delivery systems that are available in **Novel Drug Delivery Systems** (NDDS) Online. NDDS Online offers comprehensive evaluations of emerging drug delivery technologies, new developments in drug delivery, market analysis and business information, competitor activities, and licensing/business opportunities on over 700 companies with novel drug delivery technologies from around the world. Information is gathered, compiled, and continuously updated by TCI staff members globally with backgrounds in pharmacology, biochemistry, medicine, business, and licensing. The NDDS reports are widely used by pharmaceutical companies worldwide and regarded as an industry standard.

Title of the technology

Technology Description

Applications

Technology Offer

Patents/Publications

Development Stage

Competitive Advantage

Company Information

Contact

The screenshot shows a detailed report for 'ActoGenix Topical Oral Delivery Technology'. The report is structured into several sections, each highlighted by a blue callout box with a white arrow pointing to the corresponding text in the document. The sections are: Title of the technology, Technology Description, Applications, Technology Offer, Patents/Publications, Development Stage, Competitive Advantage, Company Information, and Contact. The text within the report is dense and technical, covering various aspects of the technology and its market potential.

NDDS Online covers the following technology sectors:

- **Oral Drug Delivery Systems and Materials**
- **Delivery of Proteins and Peptides**
- **Parenteral and Implant Drug Delivery**
- **Transdermal and Topical Drug Delivery**
- **Transmucosal Drug Delivery**
- **Pulmonary and Nasal Drug Delivery**

Also included are two proprietary databases:

- **Drug Delivery Pipelines Online:** provides continuous online updates on drugs in development using novel drug delivery systems, and provides for easy searching on the drug name, company name, formulation, or stage of development
- **Drug Delivery Deals Online:** tracks important business transactions and deal values taking place in the drug delivery industry, including mergers and acquisitions, licenses, and collaborations.

4. Weekly Newsletters

In addition to consulting services, TCI provides clients with up-to-date information on all new developments in the drug delivery industry. This is achieved via a weekly electronic newsletter focused on drug delivery and pharmaceuticals. The TCI newsletter covers breaking drug delivery developments, newly-issued patents, notable drug delivery business deals, and the latest drug approvals.

Advantages

DDIS provides valuable consulting resources to clients. The combination of services allows the client access to TCI's knowledge base and also enables quick access to accurate and extensive information on over 1200 drug delivery technologies including scientific, technical, and detailed business information. Additional advantages are:

- Individualized requests provide specific answers to client questions
- In-depth study enables the client to receive strategic information on important aspects of the drug delivery industry
- All online information is verified via personal interviews and is fully searchable
- Customized, non-confidential data are gathered and updated in real time
- Technologies are evaluated in terms of technical potential, regulatory issues, and competitive advantages
- Competitor research projects are identified and monitored
- Technologies available for acquisition or partnership, including contact information and analysis, are included
- International coverage includes countries in Eastern Europe and hard-to-get information from Asian countries

DDIS is the only analytical and business intelligence services of its kind provided to pharmaceutical companies, developers of drug delivery technologies, and material suppliers worldwide. For more information, please contact the TCI professional nearest to you. Primary contacts are listed on the back of this brochure.



**TECHNOLOGY
CATALYSTS**

About Technology Catalysts International

Technology Catalysts International (TCI) specializes in technology licensing, technology assessment, market and business intelligence, and structuring strategic alliances. The firm is headquartered in Falls Church, Virginia, a suburb of Washington, D.C. Our global network includes offices in Japan, China, Korea, India, Argentina, Germany, and the Czech Republic.

Our research staff is comprised of professionals with backgrounds in a variety of technical disciplines, with additional expertise in international marketing, licensing, finance, and business development. TCI is skilled in providing clients with strategically important competitive information worldwide. The breadth of our experience assures clients of high quality, actionable information, and complete coverage on topics of interest. We provide consulting and technology transfer services to leading product developers and manufacturers worldwide. For more information on our services and capabilities, please visit TCI's website at: www.technology-catalysts.com.

Worldwide contacts for additional information

World Headquarters

Ajay Rastogi
Vice President
Technology Catalysts International
Corporation
605 Park Avenue
Falls Church, VA 22046 USA
Telephone: (703) 531-0257
Facsimile: (703) 237-0042
E-mail: arastogi@technology-catalysts.com
Website: www.technology-catalysts.com

Europe

Gerhard Wallenwein, Ph.D.
Managing Director
Laves Chemie Consulting
Antonitergasse 4
D-65812 Bad Soden, Germany
Telephone: +49 6196 62057
Facsimile: +49 6196 27837
E-mail: laveschemie@t-online.de
Website: www.laveschemie.de

Jana Kuhnlova
Executive Managing Director
Inventia s.r.o.
Na Belidle 3
150 00 Praha 5 - Smíchov, Czech Republic
Telephone: +420 2 22247484
Facsimile: +420 2 24218645
E-mail: kuhnlova@inventia.cz
Website: www.inventia.cz

Milos Hraba
Manager, New Business Development
Inventia s.r.o.
Na Belidle 3
150 00 Praha 5 - Smíchov, Czech Republic
Telephone: +420 2 22247484
Facsimile: +420 2 24218645
E-mail: hraba@inventia.cz
Website: www.inventia.cz

China

Navy Ye
Guangzhou Science City
Jinfeng Road 3
Guangzhou, 510530, China
Telephone: +86 20 32086229
Facsimile: +86 20 32086227

Asia

Sansei Oka
Japan Business Representative
TCI Japan
4-18-11-101, Takada-Higashi
Kohoku-Ku, Yokohama 223-0065, Japan
Telephone: +81 45 543 5578
E-mail: soka@technology-catalysts.com

Hiromasa Yamamoto
Senior Research Associate
Sumika Technical Information Service Inc.
Kayabacho Takagi Building
1- 8, Nihonbashi Koamicho, Chuo-ku
Tokyo 103-0016, Japan
Telephone: +81 3 6837 9070
Facsimile: +81 3 6837 9071
E-mail: hiromasa-yamamoto@ya.sumitomo-chem.co.jp
Website: www.stis.co.jp

Don Ki Kim
President and CEO, Pharmacist
Global Damon Pharma
Suite 1803, Garden Tower Bldg.
98-78, Woonni-Dong, Jongno-gu
Seoul 110-795, Korea
Telephone: +82 2 3673 2367
Facsimile: +82 2 3673 2369
E-mail: dkkim@gdp.co.kr

G.R.S. Raghavan
General Manager
TCI India
Plot 87-95, Phase III
Industrial Development Area
Cherlapally
Hyderabad 500 051, India
Telephone: +91 40 27260 848
Facsimile: +91 40 27260 830
E-mail: raghavan@technology-catalysts.com

R.K. Gupta
Managing Director
Industrial Development Services Pvt. Ltd.
M-1 Kanchenjunga
18 Barakhamba Road
New Delhi 110 001, India
Telephone: +91 11 2 331 2287; 2 331 4714
Facsimile: +91 11 23738227
E-mail: ids@del2.vsnl.net.in
Website: www.ids-india.org

South America

Carlos A. Massone, M.D.
President
Qualia S.A.
Jeronimo Salguero 2533, Piso 12 "A"
1425 Buenos Aires, Argentina
Telephone: +54 11 4807 3433
Facsimile: +54 11 4807 2933
E-mail: carlos.massone@qualia.com.ar
Website: www.qualia.com.ar



Visit TCI's website at:
www.technology-catalysts.com