

Advancing Development & Manufacturing
**Pharmaceutical
Technology**[®]

2016 EDITORIAL
CALENDAR
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**COMPLETE
EDITORIAL
COVERAGE**



EDITORIAL COVERAGE

EDITORIAL COVERAGE: EXPERT INSIGHT AND ANALYSIS

Pharmaceutical Technology continues its tradition of providing industry-leading information on the technologies, strategies, and regulations crucial to professionals developing and manufacturing pharmaceuticals and biopharmaceuticals. The editorial mix of peer-reviewed papers, technical articles, technology reports, regulatory and business columns, and expert commentary provide comprehensive coverage of process and formulation development, manufacturing operations, drug delivery, packaging, labeling, and distribution.

Contributors from bio/pharmaceutical companies and industry supplier companies, columnists, and the editorial staff are experts with specialized knowledge and experience in their fields.

EDITORIAL FOCUS

Each issue of *Pharmaceutical Technology* addresses a key trend in drug development, including solid dosage and parenteral manufacturing, analytical testing, biopharmaceutical manufacturing, equipment and manufacturing trends, quality by design, bioavailability, API manufacturing, drug formulation, and drug delivery. Through expert interviews, roundtable discussions, literature reviews, and survey analysis, the editors report on emerging trends, strategies, and best practices in these key areas.

PEER-REVIEWED RESEARCH

Pharmaceutical Technology publishes peer-reviewed papers in the form of data-driven research papers, literature and patent reviews, application and technical notes, and position papers on a broad range of drug development topics. All papers undergo a double-blind peer-review process by *Pharmaceutical Technology's* Editorial Advisory Board, which represents leading scientists, managers, directors, and consultants.

KEY TOPICS

Formulation/Drug Delivery

Solubility, particle engineering, traditional and emerging dosage forms, and more.

API Synthesis & Manufacturing

High potency, chiral chemistry, continuous manufacturing, and other advances in the development of small and large-molecule APIs.

Technical Topics

Problems and solutions in equipment design and operation, and solid dosage, sterile, and biopharmaceutical manufacturing, plus expert insight on excipients, analytical testing, data management, manufacturing challenges, and more.

QA/QC

Quality metrics, product quality, investigations, process validation, statistical practices, and more.

Supply Chain/Logistics

Equipment, software, and services to maintain a secure, compliant serialization program and supply chain.

Packaging Forum covers the latest packaging equipment, containers, systems, and materials. **Laboratory Operations** addresses benchtop and lab instruments, equipment, and methods. **Manufacturing Operations** examines practical strategies for manufacturing steps. **Facilities Design/Operations** covers key considerations for the design, operation, and maintenance of GMP facilities.

Product Spotlight

New analytical instruments, automation and process control systems, information technology tools, laboratory equipment, and manufacturing equipment.

REGULATION AND COMPLIANCE

Regulatory Watch

Legislation, court decisions, and regulatory changes in the United States and Europe.

Inside Standards presents updates on compendial standards and guidance documents from industry associations and standard-setting bodies.

BUSINESS/MARKET FOCUS

Outsourcing Outlook

Trends, partnerships, and business activities in the contract services market, as described by Jim Miller of PharmSource Information Services and Eric Langer, president and managing partner of BioPlan Associates.

Updates on global markets, industry research, partnerships/collaborations and the drug pipeline are also featured.

OTHER EDITORIAL FEATURES

Business developments, new facilities, and other industry supplier activities are reported in **PharmaCapsules**.

Executive interviews with industry supplier and pharmaceutical developers are featured in **Industry/Pharma Q&A**. Reader questions are addressed in **Ask the Expert**.

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JANUARY

Ad Close: December 4, 2015

FOCUS

Bio/Pharma's Big Picture for 2016
Peer-Reviewed Technical Notes

TOPICS

Formulation/Drug Delivery

High Potency Drug Formulation

API Synthesis & Manufacturing

Materials Science Advances

Technical Topics

Aseptic Processing/Sterile Manufacturing

Green Manufacturing

QA/QC

Statistical Solutions

Process Validation

Packaging Forum

Parenterals Packaging

Supply Chain/Logistics

Serialization

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PharmaCapsules

Pharma Q&A

Ask the Expert

Dosage Forms Update: Biologics

SHOWS

Informex USA, Feb. 2–4, New Orleans

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- FREE Direct eResponse Ad Leads (Ask your rep for details.)

FEBRUARY

Ad Close: January 4, 2016

FOCUS

Lab Procedures and Instruments
Peer-Reviewed Technical Notes

TOPICS

Formulation/Drug Delivery

Antibody Drug Conjugates

API Synthesis & Manufacturing

Hazardous Reagent Chemistry

Technical Topics

Solid Dosage

Excipients Quality and Selection

QA/QC

Protein Characterization

Corrective Action and Preventive Action

Laboratory Operations

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Dosage Forms Update: Solid Dosage

SPECIAL THEMED ISSUE

Partnership Strategies in Outsourcing

Best practices and metrics for choosing suppliers, ensuring quality control in vendor relationships, technology transfer, and intellectual property issues. This issue also features the 2016 API custom manufacturing outlook.

SHOWS

Pittcon, March 6–10, Atlanta

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FREE 1/3-Page Products/Services Profile

MARCH

Ad Close: February 4, 2016

FOCUS

API Development and Manufacturing
Peer-Reviewed Technical Notes

TOPICS

Formulation/Drug Delivery

Fixed-Dose Combinations

API Synthesis & Manufacturing

Polymorphism and Crystallization

Technical Topics

Biopharmaceutical Manufacturing

Process Controls

QA/QC

Extractables and Leachables Testing

Lab Data Integrity

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SPECIAL THEMED ISSUE

Solid Dosage Drug Development and Manufacturing eBook

Trends in the development of solid-dosage drug forms, including excipients, API compatibility, formulation development, solubilization, drug shortages, facility and equipment updates, and new manufacturing processes and equipment.

SHOWS

- PDA Annual Meeting, March 14–16, San Antonio, TX
- DCAT Week, March 14–17, New York

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- INTERPHEX Planning Guide (Print)
- INTERPHEX Planning Guide (Online and ePR Newsletter)

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APRIL

Ad Close: March 9, 2016

FOCUS

Manufacturing Scale Up and Tech Transfer
Peer-Reviewed Technical Notes

TOPICS

Formulation/Drug Delivery

Biologics Formulation

API Synthesis & Manufacturing

High-Potency Manufacturing

Technical Topics

Equipment Design and Operation

Lyophilization

QA/QC

Lot Release Testing

Product Quality: Solid/Semi-solid Dosage

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Dosage Forms Update: Vaccines

SHOWS

- INTERPHEX, April 26–28, New York
- ExcipientFest Americas, April 25–27, Baltimore, MD

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- INTERPHEX Exhibitor Guide (Print)
- INTERPHEX Exhibitor Guide (Online and ePR Newsletter)

MAY

Ad Close: April 7, 2016

FOCUS

Trends in Biopharmaceutical Manufacturing
Peer-Reviewed Technical Notes

TOPICS

Formulation/Drug Delivery

Moisture-Sensitive Formulations

API Synthesis & Manufacturing

Biopharmaceutical Manufacturing

Technical Topics

Solid Dosage

Manufacturing Scale Up Strategies

QA/QC

Analytical Testing for Biologics

Critical Quality Attributes

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SPECIAL THEMED ISSUE

Bioprocessing & Sterile Manufacturing eBook

Novel technologies for the formulation, manufacture, purification, and delivery of sterile small- and large-molecule drugs and biologics, including single-use systems, facilities and equipment, contamination issues, and process analytics.

SHOWS

- AAPS National Biotechnology Conference, May 16–18, Boston
- BIO International Convention, June 6–9, San Francisco

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JUNE

Ad Close: May 5, 2016

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Drug Delivery Devices
Peer-Reviewed Technical Notes

TOPICS

Formulation/Drug Delivery

Controlled Release

API Synthesis & Manufacturing

Process Intensification/
Continuous Flow Manufacturing

Technical Topics

Aseptic Processing/Sterile Manufacturing

Process Analytical Technology

QA/QC

Statistical Solutions

Quality Metrics

Manufacturing Operations

Single-Use Manufacturing Systems

Facilities Design/Operations

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SPECIAL THEMED ISSUE

Buyers' Guide and Best Practices

The global resource for suppliers of chemicals, raw materials, intermediates and excipients; equipment and supplies for manufacturing, packaging, and cleanrooms; laboratory equipment; and contract services. Plus, recommended best practices for laboratory, formulation, manufacturing, and packaging functions.

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JULY

Ad Close: June 6, 2016

FOCUS

Bioavailability/Solubilization Challenges
Peer-Reviewed Technical Notes

TOPICS

Formulation/Drug Delivery

Parenteral Formulations

API Synthesis & Manufacturing

Chiral Chemistry

Technical Topics

Biopharmaceutical Manufacturing

Equipment Cleaning

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SHOWS

Controlled Release Society, July 17–20, Seattle, WA

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AUGUST

Ad Close: July 7, 2016

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Equipment and Manufacturing Trends
New Equipment Launches
Peer-Reviewed Technical Notes

TOPICS

Formulation/Drug Delivery

Orally Disintegrating Tablets

API Synthesis & Manufacturing

Green Chemistry

Technical Topics

Aseptic Processing/Sterile Manufacturing

3D Printing in Pharma

QA/QC

Viral Clearance

Cleaning Validation

Laboratory Operations

Method Development

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Dosage Forms Update: Inhalation

SPECIAL THEMED ISSUE

Outsourcing Resources

An annual review of the market for outsourced resources, including analysis by Jim Miller, president of PharmSource Information Services. Analysis of contract services and business, regulatory, and supply chain issues, complement a directory of suppliers and the Fast Locator guide to contract services.

SHOWS

Pharma/Chem Outsourcing, TBD

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SEPTEMBER

Ad Close: August 8, 2016

FOCUS

Issues in Parenteral Manufacturing
Peer-Reviewed Technical Notes

TOPICS

Formulation/Drug Delivery

Overcoming Biological Barriers

API Synthesis & Manufacturing

Fluorination Chemistry in API Manufacturing

Technical Topics

Equipment Design and Operation

Modular Manufacturing

QA/QC

Visual Inspection Techniques

Investigations/Root Causes

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Manufacturing Automation

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Retrofitting Facilities

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CPHI/ICSE: APIs, Excipients, and Manufacturing

Developments in the synthesis of APIs and pharmaceutical intermediates, plus advances in small-molecule synthesis, biologics manufacturing, formulation development and finished-product manufacturing. This issue will feature a CPhI Planning Guide.

SHOWS

- PDA/FDA Joint Regulatory Conference, TBD, Washington, DC
- ISPE Annual Meeting, Sept. 18–21, Atlanta
- CPhI Worldwide, Oct. 4–6, Barcelona, Spain

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- AAPS Planning Guide (Print)
- AAPS Planning Guide (Online and ePT Newsletter)
- FREE CPhI Online Guide

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OCTOBER

Ad Close: September 8, 2016

FOCUS

Excipients for Formulation Success
Peer-Reviewed Technical Notes

TOPICS

Formulation/Drug Delivery

Orally Inhaled Drug Products

API Synthesis & Manufacturing

Catalysis

Technical Topics

Solid Dosage

Parenteral Contamination Sources

QA/QC

Elemental Impurities

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SHOWS

- PharmExpo/Pack Expo, Nov. 6–9, Chicago
- AAPS, Nov. 13–17, Denver, CO

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- AAPS Exhibitor Guide (Print)
- AAPS Exhibitor Guide (Online and ePT Newsletter)

NOVEMBER

Ad Close: October 7, 2016

FOCUS

Reducing Drug Manufacturing Costs
Peer-Reviewed Technical Notes

TOPICS

Formulation/Drug Delivery

Peptide/Protein Delivery

API Synthesis & Manufacturing

Heterocyclic Chemistry in API Manufacturing

Technical Topics

Equipment Design and Operation

Continuous Solid Dosage Manufacturing

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SPECIAL THEMED ISSUE

Supply Chain eBook

This special ebook addresses supply chain issues, from ensuring the quality and supply of raw materials, to the secure delivery of quality medicines to patients. Technologies and best practices for serialization, track and trace, anticounterfeiting, logistics and shipping, cold chain, and good distribution practices will be covered.

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DECEMBER

Ad Close: November 3, 2016

FOCUS

Working with Regulators
Salary and Employment Survey
Peer-Reviewed Technical Notes

TOPICS

Formulation/Drug Delivery

Taste Masking

API Synthesis & Manufacturing

Coupling Reactions

Technical Topics

Biopharmaceutical Manufacturing

Fill/Finish

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Risk Assessment and Mitigation

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