Advancing Development & Manufacturing

Pharmaceutical Technology®

2021 EDITORIAL CALENDAR

Covering the pharma industry since 1977

AN MJH life sciences™ BRAND

pharmtech.com

Editorial Coverage: Expert Insight and Analysis

Pharmaceutical Technology® sets the standard for publishing independent, 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 provides 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 and manufacturing including advances in equipment, instruments and processes; drug formulation and manufacturing strategies, drug delivery trends; emerging dosage forms; vaccines and biologic-drug development; supply chain transparency; process development and quality-related issues. Emerging news, technologies, and issues related to bio/pharma's response to the global pandemic are featured.

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 drug development topics. All papers undergo a double-blind peer-review process by the *Pharmaceutical Technology*® Editorial Advisory Board, which comprises leading scientists, managers, directors, and consultants.

DRUG DEVELOPMENT

Features address advances in API synthesis of small- and large-molecule drug substances and excipients, as well as formulation and drug delivery challenges. Topics covered include solubility enhancement, controlled-release drugs, and taste masking for traditional and emerging dosage forms.

MANUFACTURING, OPERATIONS, AND SUPPLY CHAIN

The editors examine problems and solutions for solid dosage, sterile, biopharmaceutical, and other drug forms. Experts share insights on manufacturing equipment, process controls, scale-up, packaging, tech transfer, supply chain, and facility and laboratory operations.

ANALYTICAL TESTING

Feature articles and case studies address vital quality and analytical practices including contamination control, dissolution, extractables and leachables, stability testing, protein characterization, cleaning validation, and more.

QUALITY/REGULATIONS

Experts review current regulatory authority initiatives and offer insight on regulatory authority activities, good manufacturing practices, statistical analysis, and more. The **Regulatory Watch** columns review legislation, court decisions, and regulatory changes in the United States and Europe. **Ask the Compliance Expert** answers reader questions about good manufacturing practices and other regulatory issues.

OUTSOURCING

Trends, partnerships and business activities in the contract services market are described by expert columnists. Other features examine best practices for working with contract service providers for drug development, manufacturing, and laboratory studies.

OTHER EDITORIAL FEATURES

New analytical instruments, automation and process control systems, information technology tools, laboratory equipment, and manufacturing equipment are described in **Product Spotlight**. Business developments, new facilities, and other industry supplier activities are reported in **PharmaCapsules**. Updates on global markets, industry research, partnerships/collaborations, and the drug pipeline are also featured.

CONTRIBUTION GUIDELINES

For information about contributing editorial features to *Pharmaceutical Technology*®, visit the Editorial Info link on *www.PharmTech.com.*

Special Editorial Issues

Pharmaceutical Technology

FEBRUARY 2021–PARTNERING FOR BIO/PHARMA SUCCESS

The editors review best practices and metrics for choosing contract service suppliers, ensuring quality control in vendor relationships, technology transfer, and intellectual property issues with a special focus on early drug development in this print supplement.

MARCH AND SEPTEMBER 2021–REGULATORY SOURCEBOOK

The editors present a compilation of news, trends and strategies related to regulations, guidance documents, compendial documents, and enforcement actions from global regulatory authorities in an updated eBook.

APRIL 2021–SOLID DOSAGE DRUG DEVELOPMENT AND MANUFACTURING

Trends in the development of solid-dosage drug forms, including excipients, API compatibility, formulation development, solubilization, automation, facility and equipment updates, and new manufacturing processes and equipment are covered in this print supplement.

MAY 2021–BIOLOGICS AND STERILE DRUG MANUFACTURING

The editors report on 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 in this annual eBook.

JUNE 2021–BUYERS' GUIDE

Pharmaceutical Technology®'s annual print directory features suppliers of chemicals, raw materials, intermediates and excipients; equipment and supplies for manufacturing, packaging and cleanrooms; laboratory equipment, and contract services.

AUGUST 2021–OUTSOURCING RESOURCES

In this annual print supplement, the editors review the market for outsourced resources including contract service provider advances and trends for formulation, development, manufacturing, regulatory, and supply chain issues.

OCTOBER 2021–APIS, EXCIPIENTS, AND MANUFACTURING

Developments in the synthesis of APIs and pharmaceutical intermediates, plus advances in small-molecule synthesis, biologic drug manufacturing, formulation development, and finished-product manufacturing are covered in this special eBook.

Sponsored-Content Publications

DECEMBER 2021–CORPORATE CAPABILITIES

This special publication features full-page descriptions of products and services from the bio/pharmaceutical industry's leading suppliers.

SPONSORED CUSTOM EBOOKS

Pharmaceutical Technology®'s content marketing team can develop custom publications on a range of bio/pharmaceutical topics for single sponsors. Contact your sales representative for details.

2021 Editorial Coverage

Pharmaceutical Technology

JANUARY
Ad Close: December 11, 2020

FOCUS
Pharma Industry Outlook
Annual Employment Survey

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS
Bio/pharma research and technical advances

EMERGING TOPICS IN BIO/PHARMA'S PANDEMIC RESPONSE

TECHNICAL TOPICS

Development
API Development and Approval Trends
Biologic Drug Formulation

Manufacturing
Vaccine Drug Manufacturing
Facility Design and Engineering

Quality/Regulations
Form 483s and Warning Letters
US Regulatory Watch
Ask the Compliance Expert

Analytics
Drug Substance Testing

Outsourcing
State of Outsourcing Industry

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FREE 3-Minute Podcast Posted on *www.PharmTech.com* or
FREE Whitepaper Listing in the *PharmTech* Pharma Knowledge Resources eNewsletter
FREE Direct eResponse Ad Leads (Ask your rep for details.)

FEBRUARY
Ad Close: January 12

FOCUS
Accelerating Drug Development

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS
Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA'S PANDEMIC RESPONSE

TECHNICAL TOPICS

Development
Biopharmaceutical APIs
Drug Delivery Methods

Manufacturing
Solid/Semi-Solid Drug Manufacturing
Process Analytical Technology
Packaging Trends

Quality/Regulations
Audits and Inspections
US Regulatory Watch
Ask the Compliance Expert

Analytics
Elemental Impurities

Outsourcing
Contract Testing Services

SHOWS
Pittcon, March 6–10, New Orleans

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SPECIAL THEMED SUPPLEMENT

Partnering for Bio/Pharma Success
Best practices and metrics for choosing contract service suppliers, ensuring quality in vendor relationships, technology transfer, and intellectual property issues.

MARCH
Ad Close: February 12

FOCUS
Ensuring Drug Safety

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS
Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA'S PANDEMIC RESPONSE

TECHNICAL TOPICS

Development
Novel Excipients
Solubility/Bioavailability

Manufacturing
Aseptic/Sterile Drug Manufacturing
Biologics Drug Continuous Manufacturing
Raw Materials Traceability

Quality/Regulations
Good Distribution Practices
US Regulatory Watch
Ask the Compliance Expert

Analytics
Lab Data Integrity

Outsourcing
Clinical Trial Materials

SHOWS
PDA Annual Meeting, TBD

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Supplier Spotlight eNewsletter

SPECIAL THEMED EBOOK

Regulatory Sourcebook
An updated compilation of regulations, guidances, compendial documents, position papers, and enforcement actions from global regulatory authorities.

Trade show dates listed are as of Jan. 28, 2021. Trade show dates and topics are subject to change.

2021 Editorial Coverage

Pharmaceutical Technology

APRIL
Ad Close: March 12

FOCUS
Drug Manufacturing Technology Advances

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS
Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA'S PANDEMIC RESPONSE

TECHNICAL TOPICS

Development
Topical Drug Formulation
Accelerated Formulation Strategies

Manufacturing
Biologic-Based Drug Manufacturing
Fill/Finish
Cold Chain

Quality/Regulations
Corrective and Preventive Actions
US Regulatory Watch
Ask the Compliance Expert

Analytics
Dissolution Testing
Statistical Solutions

Outsourcing
Bioprocessing Contract Services

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FREE 3-Minute Podcast Posted on *PharmTech.com* or FREE Whitepaper Listing in the *PharmTech* Pharma Knowledge Resources eNewsletter

SPECIAL THEMED SUPPLEMENT
Solid Dosage Drug Development and Manufacturing
Trends in the development of solid-dosage drug forms, including excipients, API compatibility, formulation development, facility, automation, and equipment updates.

MAY
Ad Close: April 12

FOCUS
Drug Packaging Advances

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS
Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA'S PANDEMIC RESPONSE

TECHNICAL TOPICS

Development
Excipient Quality
Vaccine Development

Manufacturing
Specialty Drug Manufacturing
Lyophilization
Drug Product Traceability

Quality/Regulations
CMC Strategies
US Regulatory Watch
Ask the Compliance Expert

Analytics
Protein Characterization

Outsourcing
Contract Packaging

SHOWS
BIO Digital 2021, June 10–11 and 14–17

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SPECIAL THEMED EBOOK
Biologics and Sterile Drug Manufacturing
Novel technologies for the formulation, manufacture, purification and delivery of sterile small-molecule drugs and biologics, including single-use systems, facilities and equipment, contamination issues, and process analytics.

JUNE
Ad Close: May 12

FOCUS
Emerging Therapies

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS
Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA'S PANDEMIC RESPONSE

TECHNICAL TOPICS

Development
High-Potency Drug Formulation
Particle Engineering

Manufacturing
Compounded Drug Manufacturing
Equipment Cleaning

Quality/Regulations
IND/NDA Filings
US Regulatory Watch
Ask the Compliance Expert

Analytics
Cleaning Validation

Outsourcing
Method Development

SHOWS
DCAT Week, July 12–15, New York City

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Supplier Spotlight eNewsletter

BUYER'S GUIDE
Buyers' Guide and Case Studies
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.

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2021 Editorial Coverage

Pharmaceutical Technology

JULY
Ad Close: June 11

FOCUS
Bio/Pharma Analysis

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS
Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA'S PANDEMIC RESPONSE

TECHNICAL TOPICS

Development
Vaccine Development
Tablet Formulation

Manufacturing
Inhalation Drug Manufacturing
Packaging Trends

Quality/Regulations
Form 483s and Warning Letters
US Regulatory Watch
Ask the Compliance Expert

Analytics
Extractables and Leachables Testing

Outsourcing
State of Outsourcing Industry

SHOWS
Controlled Release Society Virtual Meeting July 25–29
CPhI North America, Aug. 10–12, Philadelphia

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Double-Up Ad Program

AUGUST
Ad Close: July 12

FOCUS
Drug Dosage Forms Trends

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS
Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA'S PANDEMIC RESPONSE

TECHNICAL TOPICS

Development
Ensuring API Quality
Solubility/Bioavailability

Manufacturing
Biologic-Based Drug Manufacturing
Facility Design and Engineering
Logistics/Shipping

Quality/Regulations
GMPs for Compounding Pharmacies
US Regulatory Watch
Ask the Compliance Expert

Analytics
Bioequivalence Testing

Outsourcing
Formulation

VALUE-ADDED
Online Pharma Marketplace: Free Basic Profile

SPECIAL THEMED SUPPLEMENT

Outsourcing Resources
An annual review of the market for outsourced resources, contract service provider advances, and trends for formulation, development, manufacturing, regulatory, and supply chain issues.

SEPTEMBER
Ad Close: August 12

FOCUS
Drug Ingredients Quality

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS
Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA'S PANDEMIC RESPONSE

TECHNICAL TOPICS

Development
Excipients for Controlled Release
Novel Drug Forms

Manufacturing
Aseptic/Sterile Drug Manufacturing
Process Optimization
Packaging Trends

Quality/Regulations
Supplier Oversight
US Regulatory Watch
Ask the Compliance Expert

Analytics
Finished Product Inspection

Outsourcing
Scale-up

SHOWS
Excipient World, Sept. 28–29, National Harbor, MD
PDA/FDA Joint Regulatory Conference, TBD

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Supplier Spotlight eNewsletter

SPECIAL THEMED EBOOK

Regulatory Sourcebook
An updated compilation of regulations, guidances, compendial documents, position papers, and enforcement actions from global regulatory authorities.

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2021 Editorial Coverage

Pharmaceutical Technology

OCTOBER
Ad Close: September 10

FOCUS
Aseptic Processing

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS
Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA'S PANDEMIC RESPONSE

TECHNICAL TOPICS
Development
Advances in Small-Molecule API Synthesis
Reformulation Strategies

Manufacturing
Solid/Semi-Solid Drug Manufacturing
Contamination Control
Supply Chain Continuity

Quality/Regulations
Compendial Compliance Update
US Regulatory Watch
Ask the Compliance Expert

Analytics
Stability Testing
Statistical Solutions

Outsourcing
Bioprocessing Contract Services

SHOWS
AAPS 2021 PharmSci 360, Oct. 17-20, Philadelphia
INTERPHEX Oct. 19–21, New York
CPhI Worldwide, Nov. 9–11, Milan, Italy

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SPECIAL THEMED EBOOK
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.

NOVEMBER
Ad Close: October 12

FOCUS
Formulation Strategies

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS
Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA'S PANDEMIC RESPONSE

TECHNICAL TOPICS
Development
Excipients for Solubility
Alternative Drug Delivery Formulation

Manufacturing
Generic Drug Manufacturing
Scale-up
Packaging Trends

Quality/Regulations
Final Product Inspection
US Regulatory Watch
Ask the Compliance Expert

Analytics
Contamination Control

Outsourcing
Bioanalytical Studies

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DECEMBER
Ad Close: November 12

FOCUS
Processing Equipment Trends

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS
Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA'S PANDEMIC RESPONSE

TECHNICAL TOPICS
Development
Drug Stability
Taste-Masking

Manufacturing
Biologic-Based Drug Manufacturing
Isolators and RABs

Quality/Regulations
GMPs: Sterile/Aseptic Manufacturing
US Regulatory Watch
Ask the Compliance Expert

Analytics
Particle Analysis

Outsourcing
Tech Transfer

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Double Up Ad Program

SPONSORED-CONTENT ISSUE
Corporate Capabilities
Full-page descriptions of products and services from the industry's leading suppliers.

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FREE Online Corporate Capabilities Profile (6 months)

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