**Advancing Development & Manufacturing** 

# Pharmaceutical 2021 Editorial Technology®

EUROPE



## **EDITORIAL COVERAGE**

# Pharmaceutical Technology

## **EXPERT INSIGHT AND ANALYSIS**

Pharmaceutical Technology Europe<sup>TM</sup> 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 Europe*™ 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.

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 Euro 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 Europe™ Editorial Advisory Board, which comprises leading scientists, managers, directors and consultants.

## **KEY TOPICS**

## **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. Formulation topics including solubility enhancement, controlled-release drugs. and taste masking are covered for traditional and emerging dosage forms.

### **MANUFACTURING**

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.

## **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.

## **QUALITY/REGULATIONS**

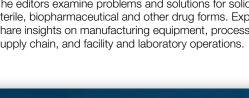
Experts review current regulatory authority initiatives and offer insight on regulatory authority activities, good manufacturing practices, good laboratory practices, statistical analysis and more.

The European 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.

## **CONTRIBUTION GUIDELINES**

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



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## **EDITORIAL COVERAGE: SPECIAL ISSUES**

# Pharmaceutical Technology

## SPECIAL EDITORIAL ISSUES

## March 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.

## May 2021

## **Biologics and Sterile Drug Manufacturing**

The editors report on novel technologies for the formulation, manufacture, purification, and delivery of sterile smalland large-molecule drugs and biologics, including single-use systems, facilities and equipment, contamination issues, and process analytics in this annual eBook.

## 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.

## October 2021

## **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 are covered in this special eBook.

## **SPONSORED CUSTOM EBOOKS**

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## JANUARY

Ad Close: 8 January

### FOCUS

European 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**

Regulatory Enforcement Trends European Regulatory Watch Ask the Compliance Expert

### **Analytics**

Drug Substance Testing

## **Outsourcing**

State of Outsourcing Industry

## **EUROPEAN BIO/PHARMA INDUSTRY DEVELOPMENTS**

## VALUE-ADDED

One-Third Page Product/Service Profile

## **FEBRUARY**

Ad Close: 27 January

### **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
European Regulatory Watch
Ask the Compliance Expert

### **Analytics**

Elemental Impurities

### **Outsourcing**

Contract Testing Services

## EUROPEAN BIO/PHARMA INDUSTRY DEVELOPMENTS

## SHOWS

Interpack, 25 February–3 March, Dusseldorf, Germany Pittcon, 6–10 March, New Orleans

## VALUE-ADDED

e-News Product/Service Profile

## MARCH Ad Close: 19 February

### OCUS

**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 European Regulatory Watch Ask the Compliance Expert

## **Analytics**

Lab Data Integrity

## **Outsourcing**

Clinical Trial Materials

## EUROPEAN BIO/PHARMA INDUSTRY DEVELOPMENTS

## VALUE-ADDED

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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

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



**APRIL** 

Ad Close: 26 March

**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 European Regulatory Watch Ask the Compliance Expert

**Analytics** 

Dissolution Testing Statistical Solutions

**Outsourcing** 

Bioprocessing Contract Services

EUROPEAN BIO/PHARMA INDUSTRY DEVELOPMENTS

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

MAY

Ad Close: April 23

**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

European Regulatory Watch Ask the Compliance Expert

**Analytics** 

Protein Characterization

**Outsourcing** 

Contract Packaging

EUROPEAN BIO/PHARMA INDUSTRY DEVELOPMENTS

SHOWS

Chemspec, 19-21 May, Frankfurt, Germany BIO Digital 2021, 10-11 and 14-17 June

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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: 21 May

**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** 

Marketing Applications

European Regulatory Watch

Ask the Compliance Expert

**Analytics** 

Cleaning Validation

**Outsourcing** 

Method Development

EUROPEAN BIO/PHARMA INDUSTRY DEVELOPMENTS

SHOWS

Making Pharmaceuticals, 6-7 July, Coventry, United Kingdom DCAT Week, 12-15 July, New York City, United States

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JULY

Ad Close: 25 June

**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** 

Regulatory Enforcement Trends

European Regulatory Watch

Ask the Compliance Expert

**Analytics** 

Extractables and Leachables Testing

**Outsourcing** 

State of Outsourcing Industry

EUROPEAN BIO/PHARMA INDUSTRY DEVELOPMENTS

SHOWS

Controlled Release Society Virtual Meeting 25–29 July CPhI North America, 10–12 August, Philadelphia, United States

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Full-page Profile

**AUGUST** 

Ad Close: 23 July

**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

European Regulatory Watch

Ask the Compliance Expert

**Analytics** 

Bioequivalence Testing

**Outsourcing** 

Formulation

**EUROPEAN BIO/PHARMA INDUSTRY DEVELOPMENTS** 

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SEPTEMBER

Ad Close: 20 August

**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

European Regulatory Watch

Ask the Compliance Expert

**Analytics** 

Finished Product Inspection

**Outsourcing** 

Scale up

EUROPEAN BIO/PHARMA INDUSTRY DEVELOPMENTS

SHOWS

PharmaPack, 13-14 October, Paris

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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 2021 January 28. Trade show dates and topics are subject to change.



## **OCTOBER**

Ad Close: 24 September

## **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

European Regulatory Watch

Ask the Compliance Expert

## **Analytics**

Stability Testing

Statistical Solutions

## **Outsourcing**

Bioprocessing Contract Services

## **EUROPEAN BIO/PHARMA INDUSTRY DEVELOPMENTS**

## SHOWS

AAPS 2021 PharmSci 360, 17-20 October, Philadelphia, United States INTERPHEX 19–21 October, New York, United States CPhl Worldwide, 9–11 November, Milan, Italy

## **VALUE-ADDED**

E-news Product/Service Profile

## 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: 22 October

## **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

European Regulatory Watch

Ask the Compliance Expert

## **Analytics**

Contamination Control

## **Outsourcing**

Bioanalytical Studies

## EUROPEAN BIO/PHARMA INDUSTRY DEVELOPMENTS

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## **DECEMBER**

Ad Close: 19 November

## **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

European Regulatory Watch

Ask the Compliance Expert

## **Analytics**

Particle Analysis

## **Outsourcing**

Tech Transfer

## EUROPEAN BIO/PHARMA INDUSTRY DEVELOPMENTS

## VALUE-ADDED

Double-up Ad Programme

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

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