Advancing Development & Manufacturing

Pharmaceutical 2022 Editorial Calendar Control EUROPE



life sciences" BRAND pharmtech.com

EDITORIAL COVERAGE



EXPERT INSIGHT AND ANALYSIS

*Pharmaceutical Technology Europe*TM 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 biologicdrug development; drug ingredient quality; and processing equipment.

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 Europe[™] 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

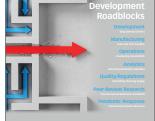
Features address advances in API synthesis of small- and large-molecule drug substances and excipients, as well as formulation and drug delivery challenges. Topics including early development strategies, solubility enhancement, particle characterization, excipients, and stability are covered for traditional 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.



Pharmaceutical Lechnology



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.

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 <u>www.PharmTech.com</u>.





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SPECIAL EDITORIAL COVERAGE



APIs, Excipients, and Formulation Advances

The editors analyze recent new drug approvals and trends in API synthesis, formulation strategies, excipients, and process development.

February 2022 – Interactive eBook:

Bio/Pharma Outsourcing Innovation

Contract research, development, and manufacturing organizations share details on the technologies, processes, equipment, and other innovations that help accelerate drug development, manufacturing, packaging, and quality control.

March 2022 – Interactive eBook:

Quality and Regulatory Sourcebook

Stay ahead of the latest regulations, guidance documents, and compendial documents guiding drug development and manufacturing; gain insight into practical quality practices for bio/pharma organizations.

April 2022 – Editors' Tech Talk:

Emerging Therapies

The editors examine challenges associated with developing, formulating, and manufacturing new drug modalities and dosage forms.

May 2022 – Interactive eBook:

Trends in Manufacturing

New technologies and processes are accelerating drug production while reducing costs and improving quality. Learn about new strategies from process development through commercial manufacturing for a range of dosage forms.

June 2022 – Editors' Tech Talk:

Biopharmaceutical Drug Development Manufacturing

The editors and report on novel technologies for the formulation, manufacture, purification, and delivery biologic-based drugs.

August 2022 – Editors' Tech Talk:

Aseptic Processing and Manufacturing

The editors review regulatory requirements, quality challenges, and new processes and technologies to produce sterile drugs safely and economically.

September 2022 – Editors' Tech Talk:

Solid Dosage Drug Development and Manufacturing

The editors share expert insight on trends in the development of solid-dosage drug forms, including excipients, APIs, formulation, and new manufacturing processes and equipment.

October 2022 – Interactive eBook:

Trends in Formulation

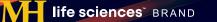
Experts share new processes, novel excipients, and new methodologies to address formulation challenges associated with complex molecules, particle engineering, bioavailability limits, and demands for safer dosage forms for patients.

November 2022 – Editors' Tech Talk:

Automating Bio/Pharma Processes

The editors review how artificial intelligence, robotics, virtual reality, remote monitoring, and other automation strategies are impacting bio/pharma process development and manufacturing.





Pharmaceutical Technology

Ad Close: 7 January

FOCUS

Pharma Industry Outlook Special Coverage: Annual Employment Survey

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS

Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA

TECHNICAL TOPICS

Development

Formulation Strategies for Early Drug Development Drug Appearance and Taste Solubility/Bioavailability

Manufacturing Biologic-Based Drug Manufacturing Facility Design and Engineering

Quality/Regulations European Regulatory Update Ask the Compliance Expert

Analytics Drug Substance Testing

Outsourcing State of Outsourcing Industry

VALUE-ADDED

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EDITORS' TECH TALK

APIs, Excipients, and Formulation Advances

The editors analysis recent new drug approvals and trends in API synthesis, formulation strategies, and excipient and process development.

FEBRUARY Ad Close: 24 January

FOCUS

Bio/Pharma Analysis

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS

Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA

TECHNICAL TOPICS

Development

Toxicology Studies Cannabinoid-based Drugs Vaccine Development

Manufacturing

Aseptic/Sterile Drug Manufacturing Process Analytical Technology Serialization

Quality/Regulations

Computer Validation European Regulatory Update Ask the Compliance Expert

Analytics Automated Analytical Workflows

Outsourcing Method Development

SHOWS

Pittcon, 5–9 March, Atlanta

VALUE-ADDED

Product Service Profile in eNewsletter

INTERACTIVE EBOOK

Bio/Pharma Outsourcing Innovation

Contract research, development, and manufacturing organizations share details on the technologies, processes, equipment, and other innovations that help accelerate drug development, manufacturing, packaging, and quality control.

Trade show dates listed are as of 2021 September 10. Trade show dates and topics are subject to change.



MARCH Ad Close: 21 February

FOCUS Drug Dosage Forms Trends

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

EMERGING TOPICS IN BIO/PHARMA

TECHNICAL TOPICS

Development

IND/CTA Application Process Biopharmaceutical APIs Accelerated Formulation Strategies

Manufacturing

Oral Solid Dose Drug Manufacturing Biologics Drug Continuous Manufacturing Supply Chain Continuity

Quality/Regulations

Good Distribution Practices European Regulatory Update Ask the Compliance Expert

Analytics Protein Characterization

Outsourcing Clinical Trial Materials

SHOWS

DCAT Week, 20–24 March, New York Drug Delivery & Formulation Summit, 21–23 March, Berlin BIO-Europe Spring, 28–30 March, Basel ACHEMA, 4–8 April, Frankfurt

VALUE-ADDED

FREE 3-Minute Podcast Posted on *www.PharmTech.com* or FREE Whitepaper Listing in the *PharmTech* Whitepapers Section

INTERACTIVE EBOOK

Quality and Regulatory Sourcebook

Stay ahead of the latest regulations, guidances, and compendial documents guiding drug development and manufacturing, and gain insight into practical quality practices for bio/pharma organizations.



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APRIL

Ad Close: 20 March

FOCUS

Drug Manufacturing Technology

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS

Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA

TECHNICAL TOPICS

Development

Medicinal Chemistry Excipient Quality Tablet Formulation

Manufacturing

Compounded Drug Manufacturing Fill/Finish Packaging Trends

Quality/Regulations

Corrective and Preventive Actions European Regulatory Update Ask the Compliance Expert

Analytics

Cleaning Validation Statistical Solutions

Outsourcing Bioprocessing Contract Services

SHOWS

CPhl North America, 17–19 May, Philadelphia Interphex, 24–26 May, New York

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Ad Retargeting: 25,000 Impressions

EDITORS' TECH TALK

Emerging Therapies

The editors examine challenges associated with developing, formulating, and manufacturing new drug modalities and dosage forms.

MAY

Ad Close: 20 April

FOCUS

Biologic Drug Development and Manufacturing

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS

Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA

TECHNICAL TOPICS

Development Pre-IND/CTA Studies Inhalation Drug Formulation Drug Delivery Methods

Manufacturing

Semisolid Drug Manufacturing Lyophilization Cold Chain

Quality/Regulations

Quality Culture European Regulatory Update Ask the Compliance Expert

Analytics

Dissolution Testing

Outsourcing

Formulation

SHOWS

ChemSpec Europe, 31 May–1 June, Frankfurt BIO International Convention, June 13–16, San Diego

VALUE-ADDED

FREE Direct eResponse Ad Leads

INTERACTIVE EBOOK

Trends in Manufacturing

New technologies and processes are accelerating drug production while reducing costs and improving quality. Learn about new strategies from process development through commercial manufacturing for a range of dosage forms.



JUNE

Ad Close: 20 May

FOCUS

Aseptic Processing

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS

Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA

TECHNICAL TOPICS

Development Dosing Studies Coprocessed Excipients Patient-Centric Formulation

Manufacturing Biologic-Based Drug Manufacturing Equipment Cleaning

Quality/Regulations European Regulatory Update Ask the Compliance Expert

Analytics Elemental Impurities

Outsourcing Contract Testing Services

SHOWS Analytica, 21–24 June, Munich

VALUE-ADDED Product Service Profile in eNewsletter

EDITORS' TECH TALK

Biopharmaceutical Drug Development Manufacturing

The editors report on novel technologies for the formulation, manufacture, purification, and delivery of biologic-based drugs.



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JULY

Ad Close: 20 June

FOCUS

Drug Packaging Advances

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS

Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA

TECHNICAL TOPICS

Development Molecule Characterization High-Potency Drug Formulation Biologic Drug Formulation

Manufacturing Point-of-Use Drug Manufacturing Automation

Quality/Regulations European Regulatory Update Ask the Compliance Expert

Analytics Extractables and Leachables (raw materials)

Outsourcing State of Outsourcing Industry

SHOWS Controlled Release Society (TBD)

VALUE-ADDED

Case Study on an Industry Topic of Choice

AUGUST Ad Close: 22 July

FOCUS

Ingredient Quality

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

EMERGING TOPICS IN BIO/PHARMA

TECHNICAL TOPICS

Development Animal Models

Cell Therapy Development Solubility/Bioavailability

Manufacturing Vaccine Manufacturing Facility Design and Engineering

Quality/Regulations GMPs for Solid-Dose Drugs European Regulatory Update Ask the Compliance Expert

Analytics Automated Finished Product Inspection Lab Data Integrity

Outsourcing Contract Packaging

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

EDITORS' TECH TALK

Aseptic Processing and Manufacturing

The editors review regulatory requirements, quality challenges, and new processes and technologies to produce sterile drugs safely and economically.



Ad Close: 22 August

FOCUS

Emerging Therapies

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS

Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA

TECHNICAL TOPICS

Development Drug Candidate Screening Topical Drug Development Alternative Drug Delivery Formulation

Manufacturing Biologic-Based Drug Manufacturing Process Optimization Logistics/Shipping

Quality/Regulations Audits and Inspections European Regulatory Update Ask the Compliance Expert

Analytics Environmental Monitoring

Outsourcing Bioanalytical Studies

SHOWS Making Pharmaceuticals, 27–28 Sept., Dublin

VALUE-ADDED Ad Retargeting: 25,000 Impressions

EDITORS' TECH TALK

Solid Dosage Drug Development and Manufacturing

The editors share expert insight and report on trends in the development of solid-dosage drug forms, including excipients, APIs, formulation, and new manufacturing processes and equipment.

Trade show dates listed are as of 2021 September 10. Trade show dates and topics are subject to change.



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OCTOBER

Ad Close: 20 September

FOCUS

Formulation Strategies

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS

Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA

TECHNICAL TOPICS

Development

Early Development Strategies Advances in Small-Molecule API Synthesis Reformulation Strategies

Manufacturing

Aseptic/Sterile Drug Manufacturing Contamination Control Raw Materials Traceability

Quality/Regulations

Compendial Compliance Update European Regulatory Update Ask the Compliance Expert

Analytics

Extractables and Leachables (processing and packaging) Statistical Solutions

Outsourcing **Bioprocessing Contract Services**

SHOWS

CPhl Worldwide, TBD

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INTERACTIVE EBOOK

Trends in Formulation

Experts share new processes, novel excipients, and new methodologies to address formulation challenges associated with complex molecules, particle engineering, bioavailability limits, and demands for safer dosage forms patients.

Trade show dates listed are as of 2021 September 10. Trade show dates and topics are subject to change.

NOVEMBER Ad Close: 20 October

FOCUS

Processing Equipment Trends

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS

Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA

TECHNICAL TOPICS

Development

ADME Studies Excipients for Solubility Particle Engineering

Manufacturing

Oral Solid Dose Drug Manufacturing Scale Up Packaging Trends

Quality/Regulations

Supplier Oversight European Regulatory Update Ask the Compliance Expert

Analytics

Particle Analysis

Outsourcing

Tech Transfer

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EDITORS' TECH TALK

Automating Bio/Pharma Processes

The editors review how artificial intelligence, robotics, virtual reality, remote monitoring, and other automation strategies are impacting bio/pharma process development and manufacturing.

DECEMBER

Ad Close: 21 November

FOCUS

Trends in Drug Development

PEER-REVIEWED RESEARCH/TECHNICAL PAPERS

Bio/Pharma Research and Technical Advances

EMERGING TOPICS IN BIO/PHARMA

TECHNICAL TOPICS

Pharmacokinetics Drug Stability Novel Drug Forms

Specialty Drug Manufacturing Isolators and RABs

European Regulatory Update Ask the Compliance Expert

Analytics

pharmtech.com

life sciences" BRAND

Development

Manufacturing

Quality/Regulations

GMPs for Sterile/Aseptic Manufacturing

Stability Testing

Outsourcing Impurity Testing

VALUE-ADDED Double Up Ad Programme



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