PDA Europe Conference, Exhibition
Pharmaceutical Freeze Drying Technology
How to Answer the Growing Demand and Increase Flexibility in Lyophilization

19-20 September 2017
Lindner Hotel City Plaza
Cologne | Germany

Register by 23 July 2017 and SAVE!

pda.org/EU-FreezeDrying2017
The aim of PDA Europe’s Freeze-Drying Conference is to foster an intensified and science-based discussion between experts from all areas of lyophilization: development, production, regulatory affairs and health authorities. Get in touch with these highly qualified and diverse professionals at 11th PDA Europe Pharmaceutical Freeze Drying Technology Conference in Cologne, Germany, 19 – 20 September!

During the last ten years, freeze-drying of biopharmaceuticals has become a routine procedure, yet the freeze-drying process remains complex. This meeting provides updates of various technical and regulatory aspects regarding lyophilization.

Speakers from the pharmaceutical industry, manufacturers and regulatory agencies share their knowledge and give insights into this process, deepening the understanding of its underlying physicochemical principles as well as explaining freeze-drying techniques and the efforts to implement them on a big scale. As an attendee of this conference, you get to know current and novel concepts of freeze-drying, and you get to connect and exchange ideas with experts and fellow attendees. The friendly yet professional atmosphere of this meeting provides abundant opportunities for networking.

So come and join us in Cologne!

Call for Papers and Posters
Topics areas of interest will include but are not limited to the following

1. REGULATORY ASPECTS
   - GMP and Compliance
   - Impact of Annex 1 Revision on Freeze Drying
   - Media Fill Strategies
   - Silicon Oil Contamination
   - Validation Requirements/Strategies
   - Comparability Studies
2. SCALE UP AND TRANSFER
   - Cycle Development
   - Scale-up/Down Models/Simulation
   - Different Steps in Scale Up
   - Statistical/Predictive Methods
   - Transfer to CMOs
   - Transfer within Sites of Same Company
   - Transfer Approaches (Bracketing, Matrixing, etc.)
   - PPQ Studies and Process Validation
   - Technical Transfer of Existing Lines
3. MANUFACTURING
   - Loading/Unloading of Freeze Dryers
   - Production Flexibility/Clearing
   - Manufacturing Equipment
   - Cleaning and Sterilization
   - Smart Maintenance Programs
   - Turn-Around-Cycles
4. PRODUCT CONTROL
   - In-Process Controls
   - Visual Inspection Approaches for Freeze-Dried Products
   - Particles and Fiber Detections (New Regulations e.g. USP 1207)
   - Humidity and Container Closure Integrity
   - Process Analytical Technology (PAT)
   - Wireless Sensors
5. NEW TECHNOLOGIES AND DEVELOPMENTS
   - Spray Freeze-Drying
   - Controlled Nucleation/Ice-Fog Nucleation
   - Integration into RABS/Isolator Filling Lines
   - Continuous Freeze-Drying Process
   - Design Criteria for Designated Facilities
   - Quality by Design

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6. FREEZE DRYING PRODUCTS
- Quality and Stability of Lyophilized Drugs
- Antibodies
- Antibody Drug Conjugates
- Lyophilization for Liposomes, Microcapsules, Special Formulations

7. DEVICES AND APPLICATION SYSTEMS
- Resuspension
- Diluent
- Double Chamber Systems
- Special Applications (Blister, Bulk/API, etc.)
- Devices
- Vial Stoppers
- Vial Tracing
- Packaging Systems

8. QUALIFICATION/VALIDATION/MAINTENANCE
- Shelf Temperature Measurement
- Testing Equipment (Wireless Probes, etc.)
- Pressure Measurement
- Calibration of Probes
- Analysis of Malfunctions
- Trouble Shooting
- New Annex 1 and Annex 15

9. CASE STUDIES
- What Went Well - Equipment Integration and Shortening of Cycle Times
- What Went Wrong - Broken Lyo Cakes, Lyo Cake with Different Appearance, Shelf, Issues with Specific Product Types, Sticky Stoppers, Glass Breakages, etc.
- Maximum Loading Capacity on Shelves - Size of Margin not to be Loaded
- Typical Pitfalls in Cycle Development - How to Detect and Avoid them
- Issues and Solutions, Practical Experience
- Root Cause Analysis

The conference will be held near the famous and historical cathedral in Cologne.

VENUE
Lindner Hotel City Plaza
Magnusstrasse 20
50672 Cologne | Germany
Tel: +49 221 20 34-700
https://goo.gl/cq5Ktv
SUBMISSION PROCESS

SUBMISSIONS RECEIVED MUST INCLUDE THE FOLLOWING INFORMATION:
- TITLE
- PRESENTER’S NAME AND CONTACT DETAILS
- PRESENTER’S BIOGRAPHY (APPROX. 100 WORDS)
- ADDITIONAL AUTHORS (IF APPLICABLE)
- KEY OBJECTIVES OF TOPIC
- 2-3 PARAGRAPH ABSTRACT, SUMMARIZING THE TOPIC

Paper abstracts and posters must be non-commercial in nature, describing current, modern and innovative approaches in the entire chain of parenteral drug manufacturing and related products.

All submitted abstracts will be reviewed by the Scientific Program Planning Committee for acceptance. A more detailed draft presentation will be due for committee review one month prior to the conference to ensure scientific nature of the content. Abstracts not selected for a 30 minute podium presentation may be eligible as a scientific poster during the conference. Please note that additional presenters/authors or poster presenters will be subject to a registration fee.

Please click or scan the QR Code to submit your abstract.

Deadlines
Abstracts of papers for presentation: 28 April 2017
Poster abstracts: 25 August 2017

If you have any further questions, please do not hesitate to contact programs-europe@pda.org

TO EXHIBIT:
Exhibition and sponsorship opportunities are available and limited.
Contact expo-europe@pda.org