INTERPHEX
FORMULATIONX
POWERED BY INTERPHEX

PDA Premier Association Sponsor

INTERPHEX NO COST TECHNICAL CONFERENCE

April 17-19, 2018 | JAVITS CENTER | NYC

TUESDAY, APRIL 17, 2018

	INTERPHEX INNOVATION STAGE	TECHNICAL CONFERENCE STAGE 1 Optimizing Facilities through Innovation and Technology	TECHNICAL CONFERENCE STAGE 2 PDA, CRB Tech Tank and Continuous Manufacturing	TECHNICAL CONFERENCE STAGE 3 Manufacturing Efficiencies and Improvements	TECHNICAL CONFERENCE STAGE 4 Quality Metrics and Systems/Risk Management	TECHNICAL CONFERENCE STAGE 5 (Vendor Presentations)	FORMULATIONX STAGE	CMO/CDMO STAGE	INTERPHEX LIVE Crystal Palace Lobby
	Booth 1170	Booth 1076	Booth 1177	Booth 1376	Booth 1477	Booth 1677	Booth 4005	Booth 1053	Booth CP-2
9:45am – 10:00am	Exhibit Hall Grand Opening & Exhibitor Awards								
10:00am – 5:00pm	Show Floor Open & IPX/BPI Poster Hall								
10:30am – 11:15am	**Pharmaceutical Technology Keynote Series** ***Oral Solid Dosage Manufacturing*** **10:30am - 10:55am** Employing the Internet of Things and PAT for Solid Dosage Forms Manufacturing **11:00am-11:25am** PCMM (Portable, Continuous, Miniature and Modular) OSD Manufacturing Facility Platform **11:30am - 12:30pm** Continuous Manufacturing Roundtable: Best Practices for Implementation	Integrating a Programmable Robotic Bioreactor System with a Biochemical Analyzer for Real-time Analysis	**10:30am - 11:30am PDA Roundtable** State of the Industry Practices for Pre-Use Post-Sterilization Integrity Testing	Accelerating Freeze-Drying: From Model to Production of a Semi-Continuous Aseptic Spray Freeze-Dryer	Bioprocess Simulations the Means to Decision Making From Feasibility through Detailed Design	**10:30am - 11:00am** MasterControl Inc.: Automating the Human Element in Production	Driving Digital transformation in Chemistry & Advanced Materials Industry through Decision Support Information Solutions	A Molecules Journey Is Breaking Down Roadblocks to Commercial Success - Navigating Through the Important Considerations Necessary to Successfully Bring a Biologic Molecule to Market	**10:15am – 11:00am** Formulation and Delivery of Biologics and Complex Small Molecule Compounds
11:30am – 12:15pm		Data Integrity and Management in the Pharmaceutical Industry. Understanding and Complying with GMP & FDA requirements	Building the Foundation for Continued Process Verification with Industry 4.0 Manufacturing Analytics	Impact of Tank Cone Bottom Interior Angle on Agitator Design, Lowest Mixable Volume, and Process Results	Cleaning Validation Different Approaches to Limit Setting for Detergents	**11:30am - 12:00pm** MilliporeSigma: Flexibility Without Compromise – A Novel Approach to Single-Use System Design to Increase Speed, Reduce Costs and Enhance Supply Reliability	Streamlined Manufacture of Modified-Release Matrix Tablets via Direct Compression	The Perks and Pitfalls Of a Single-Use Biopharmaceutical Facility	**11:15am - 12:00pm** Advantages of Continuous Manufacturing for Solid Dosage
1:30pm – 2:15pm	**Pharmaceutical Technology Keynote Series** ***Aseptic, Sterile, and Biologics Drug Manufacturing*** ***1:30pm - 2:10pm*** Analytics and Instrumentation: Best Practices for Lyophilization **2:15pm - 3:00pm** Continuous Manufacturing for Biopharm, Visions of an End-to-End Approach	Start-ups: Moving out of the Incubator into a New Pilot/ Manufacturing Facility	**CRB TECH TANK** Flexible Manufacturing - Adapt or Die!	Tablet Press and Encapsulating Machine Transactions	Remediation Challenges of Aging Facilities	**1:00pm - 1:30 pm** Rockwell Automation: Flexible Manufacturing with Single Use Systems	Process Analytical Technology and My Dosage Design Tool to Measure Functional Film Coating thickness on Multiparticulate Coating	Application of Rotor/ GXR Technology for Development of Oral Solid Products	**1:30pm – 2:15pm** Pharma Intelligence: 2018 Industry Outlook
2:30pm – 3:15pm		Optimized Manufacturing of mAb-based Products: Flexibility, Speed, and Efficiency can Co-exist	**CRB TECH TANK** Keep'em Separated! Integrating Segregation for Gene Vector Production	Single use Viable Air Monitoring in Critical Environments of a Specialty Multi-Purpose Contract Manufacturing Organization	On-Dose Identification for Tablets and Capsules Dosage Design and Equipment Innovation to Mitigate Risks in Patient Safety and Brand Protection	**2:00pm - 2:30pm** LB Bohle LLC: Revolutionizing Truly Continuous Granulation and Drying - QbCon®	Large Scale Single-Use Bulk Drug Substance Freeze and Thaw Platform	Considerations for Building a High Potency Manufacturing Facility	**2:15pm – 3:00pm** Biosimilars 4.0
3:30pm – 4:15pm	**Case Studies:** Steam Sterilization Regulatory Requirements and End User impact Analysis and Common Mistakes	**Case Study: Capacity** Expansion and Conversion to Single-Use BioProcessing at an Existing cGMP CDMO Facility	**CRB TECH TANK** Solving Demand Allocation Problem with Modeling and Simulations	A Case Study for an Improved Approach to Cleanroom Disinfection, Minimizing the Impact and Reducing Downtime	Risk Analysis: Present State and Industry's Demand	**3:00pm - 3:30pm** Sika Corp: Pharmaceutical Floor & Wall Surface Selection Guidance		Small Molecule Outsourcing Panel	**3:00pm – 3:45pm** Automated Visual Particle Inspection for Hard to Inspect Containers
4:15pm – 5:00pm	Achieving Manufacturing Efficiencies with Advanced Batch Management Technology	Process Economics: The Driving Force behind the Criteria for Cell Therapies Facility Design	**CONTINUOUS MANUFACTURING TRACK** Continuous OSD: Designing a Controls Model		**OPTIMIZING FACILITIES TRACK** Settling the Frontier of Fill-Finish Operations - High Tech Filling in a Proper Abode	**4:00pm - 4:30pm** Antares Vision North America: Disruptive Technology for Visual Inspection of Lyophilized Pharmaceutical Products		Application of Material Selection and Compatibility in Aseptic Manufacturing	**3:45pm – 4:30pm** The Impact of Critical Utilities **4:30pm – 4:45pm** Show Wrap Up Day 1

**As of April 16, 2018. Schedule subject to change.*

INTERPHEX
FORMULATIONX
POWERED BY INTERPHEX

PDA Premier Association Sponsor

INTERPHEX NO COST TECHNICAL CONFERENCE

April 17-19, 2018 | JAVITS CENTER | NYC

WEDNESDAY, APRIL 18, 2018

	INTERPHEX INNOVATION STAGE	TECHNICAL CONFERENCE STAGE 1 Optimizing Facilities through Innovation and Technology	TECHNICAL CONFERENCE STAGE 2 PDA, CRB Tech Tank and Continuous Manufacturing	TECHNICAL CONFERENCE STAGE 3 Manufacturing Efficiencies and Improvements	TECHNICAL CONFERENCE STAGE 4 Quality Metrics and Systems/Risk Management	TECHNICAL CONFERENCE STAGE 5 (Vendor Presentations)	FORMULATIONX STAGE	CMO/CDMO STAGE	INTERPHEX LIVE Crystal Palace Lobby
	Booth 1170	Booth 1076	Booth 1177	Booth 1376	Booth 1477	Booth 1677	Booth 4005	Booth 1053	Booth CP-2
10:00am - 12:00pm	IPS TECHNOLOGY TOUR *(Tour Registration Required)*								
10:00am – 11:00am	**10:00am - 10:45am** **FDA Presentation with PDA:** The Future of Pharmaceutical Quality and the Path to Get There		**10:30am - 11:15 am** Ensuring Reliable, Consistent Production in Pharmaceutical Water Systems		**10:30am - 11:15 am** Cleaning Agent Screening: Key Aspects in Selecting a Suitable Cleaning agent for a GMP Cleaning Procedure	**10:30am - 11:00am** Rockwell Automation: FactoryTalk Analytics Project Scio: Where Information Transforms to Value			**10:15am – 11:00am** New Regulations, Real Case Studies: ASME BPE Cabinet Washer Standards (SD-5.3.1)
11:00am – 12:15pm	**Pharmaceutical Technology Keynote Series** ***Information Technology Trends and Best Practices*** **11:00am - 11:30am** Regulatory Requirements for Data Integrity, Applying ALCOA+ **11:30am - 12:30pm** Best Practices in Data Integrity and Process Security with Automated Systems	**10:30am – 11:30am** DME **FACILITY FOCUS 1:** Flexibility by Design: GMP Manufacturing for the Diverse Product Portfolio	**11:30am – 12:15pm** Integrating IoT into Your Life Sciences Packaging and Supply Chain Strategy - Best Practices to Take This Valuable Leap	**11:30am – 12:15pm** The Use of Extractables Data from Single Use Components for Risk Assessment	**11:30am – 12:15pm** Verifiable Containment Performance of Isolator Technologies	**11:30am - 12:00pm** ADENTS: The 5 Steps to Select the Right Cloud Serialization Solution	What a Manufacturer of SOD Should Expect from Industry	**10:45am –11:30am** How to Prepare for a Successful tech transfer to a CMO **11:45am –12:30pm** Sterile Injectables/ Fill/Finish Panel	**11:15am – 12:00pm** Automation Trends Facing the Industry
1:00pm - 3:00pm	IPS TECHNOLOGY TOUR *(Tour Registration Required)*								
1:15pm – 2:00pm	**Pharmaceutical Technology Keynote Series** **1:30pm - 2:10pm** The Industrial Internet of Things, Blockchain, and Smart Contracts **2:15pm - 3:00pm** Serialization: Moving Beyond Compliance to Value	**1:00pm - 2:00pm** DME **FACILITY FOCUS 2:** Restrictive Access Barriers: Best Industry Practices for Retrofitting a Legacy Filling Lines with a RABS Barrier	**OPTIMIZING FACILITIES TRACK** Global Pharmaceutical Packaging Trends, Beyond Serialization	Mass Spectrometry in Freeze Drying, Over 25 Years Since the First Installation: How Far have we Come?	Harmonized Method for Cleanroom Hard Surface Disinfectant Efficacy Evaluations	**1:00pm - 1:30pm** Eschbach GmbH: Digital Equipment Log Books with Blockchain Audit Trail	Increasing Efficiency by Integrating the Supply Chain with Chemical Reaction and Process Research	Driving Efficiencies in Biologic Product Development by Partnering with a Single Services Provider Throughout all Phases of the Supply Chain	**1:30pm – 2:15pm** Utilizing AR/VR in Pharma Development and Manufacturing
2:15pm – 3:00pm		**2:15pm - 3:15pm** DME **FACILITY FOCUS 3:** Central Utilities for GMP Manufacturing: A Practical Dialog on Cost and Reliability	**2:00pm - 3:00pm** **PDA Roundtable** Technology and Process for Cell and Gene Therapy Manufacturing	Making 'Spray and Pray' Obsolete with New Technologies	Data Driven Control Strategy for Critical Drug Container Closure Systems (CCS) Performance at Digital Age	**2:00pm - 2:30pm** Bimba Manufacturing Company: The Latest in Proportional Fluid Control for Hygienic Applications		Biologics Outsourcing Panel	**2:15pm – 3:00pm** Emerging and Transformational Technologies in Personalized Medicine – A Paradigm Shift
3:15pm – 4:00pm	Advancements in Single-Use Pumps - Performance Capability Considerations	Current Trends & Considerations for Drug Delivery Device Assembly of Self-Administered Products	Single Use Applications in Continuous Biopharmaceutical Processing	Total Organic Carbon for Enhanced Verification of Bioprocess System Cleaning CQ	A Comprehensive Approach to Cleanroom Certification for Reduced Risk of Environmental Contamination and Improved Regulatory Compliance	**3:00pm - 3:30pm** MilliporeSigma		Serialization Panel	**3:00pm – 3:45pm** Data Security/Data Lockdown
4:15pm – 5:00pm		Lessons Learned From Microbial Contamination in Pharmaceutical Manufacturing; Benefit Of End User and Supplier Collaboration	**OPTIMIZING FACILITIES TRACK** Facility Prefabrication – Coupling Flexibility, Mobility and Rapid Deployment into Turnkey Solutions	Real-Time Analytics with Timeline View for Improved Analytics	Bridging the Gap Between Rinse Water Analysis and Surface Cleanliness	**4:00pm - 4:30pm** Colder Products Company: Single-Use Technologies in Cell & Gene Therapy Manufacturing		Q&A with Gil Roth, President, PBOA	**3:45pm - 4:30pm** FDA Inspection Preparations: What's New, What's Different **4:45pm - 5:00pm** Show Wrap Up Day 2

**As of April 16, 2018. Schedule subject to change.*

THURSDAY, APRIL 19, 2018

	INTERPHEX INNOVATION STAGE	TECHNICAL CONFERENCE STAGE 1 Optimizing Facilities through Innovation and Technology	TECHNICAL CONFERENCE STAGE 2 PDA, CRB Tech Tank and Continuous Manufacturing	TECHNICAL CONFERENCE STAGE 3 Manufacturing Efficiencies and Improvements	TECHNICAL CONFERENCE STAGE 4 Quality Metrics and Systems/Risk Management	TECHNICAL CONFERENCE STAGE 5 (Vendor Presentations)	FORMULATIONX STAGE	CMO/CDMO STAGE	INTERPHEX LIVE Crystal Palace Lobby
	Booth 1170	Booth 1076	Booth 1177	Booth 1376	Booth 1477	Booth 1677	Booth 4005	Booth 1053	Booth CP-2
10:00am – 3:00pm	Show Floor Open & IPX/BPI Poster Hall								
10:30am – 11:15am	Life Cycle Cost for Multiple-Effect Water Stills	The Theory Behind Automatic Inspection Technologies for Subvisible-to-Visible Particle Detection and Container Closure Integrity	**PDA Roundtable** Use of Big Data for Predictive Process Control	Work Smart: Risk Based Approach for Cleaning Validation	Endotoxin Remediation Strategies	**10:30am - 11:00am** Rockwell Automation: Automation, Integration and Security: Case studies on Integration of PAT into a Modern DCS			**10:15am – 11:00am** Regulatory Requirements Relating to Water
11:30am – 12:15pm		Prescriptive Maintenance Leveraging IIoT Technology Can Become Your Competitive Advantage	How Understanding Loss in Weight Feeder Principles and Optimization of Feeder Refill and Overall Design can actually improve the Continuous Pharmaceutical Process						**11:15am - 12:00pm** Fill Line Experts in Process Control **12:15pm - 12:30pm** Show Wrap-in Day 3

**As of April 16, 2018. Schedule subject to change.*