



## TUESDAY, APRIL 2, 2019

	INNOVATION STAGE	INNOPHEX STAGE	INTERPHEX LIVE	CMO/CDMO STAGE	STAGE 1	STAGE 2	STAGE 3	STAGE 4 VENDOR PRESENTATIONS	STAGE 5
	<b>Booth 1281</b>	<b>Booth 3941</b>	<b>Crystal Palace Lobby</b>	<b>Booth 1053</b>	<b>Booth 1076</b>	<b>Booth 1577</b>	<b>Booth 1877</b>	<b>Booth 2276</b>	<b>Booth 2477</b>
<b>9:45am - 10:00am</b>	Exhibit Hall Grand Opening & Exhibitor Awards								
<b>10:00am - 5:00pm</b>	Show Floor Open & IPX/BPI Poster Hall								
<b>10:30am - 11:15am</b>		BioSpherix Medical		Catalent Pharma	PDA Round-table	A Transformational Living Cell Environment: A Paradigm Shift in Personalized Medicine that Provides the Most Comprehensive Protection Across All Cell Culture/ Processing Operations	Real-time measurement and controlling of hydrogen peroxide bio-decontamination cycles	The Evolution of EBR:Augmented Batch Records	
<b>11:30am - 12:15pm</b>	Keynote	Satorious Stadium	Biosimilars 5.0	Trillium	Single use centrifuge U2k for large scale separation and collection of high density mammalian cells and mAbs	FDA and EU GMP Annex 1 differences of cleanroom specification. Is it not time to eliminate them?	Flexible and Efficient Manufacturing Facilities: A holistic approach to the design and implementation	S.T.A.R. (Systematic Transition to Quality and Risk) WARS: May the Interface be With You!	
	Tech Lunch & Learn								
<b>1:15pm - 2:00pm</b>	Keynote	Integrity Bio Inc.	An Innovative Approach to Cell/Gene Therapy Facility Design	Piramal Pharma	CRB Tech Tank	Continuous Aseptic Manufacturing using Spray Freeze Drying: Equipment, Process and Product Considerations	Scaling with Single-Use Fermentation creates challenges to equipment design but brings economic and productivity benefits... Applying 45 years of fermenter engineering optimization to design and scaling of Single-Use Fermenters.	Four Steps to Safer, More Reliable Biomanufacturing	MilliporeSigma <b>1:00pm - 1:30pm</b>
<b>2:15pm - 3:00pm</b>	Keynote	Esco Technologies	Collaboration & Proven Results: Where we go from here? SUPAC? QbD?	Confab Laboratories	CRB Tech Tank	In-Line Monitoring and Real-Time-Release	Single-Use Filling Systems Maximize Filling Line Flexibility and Efficiency	Single-Use System Supports a Freeze/Thaw Platform Capable of Providing an End-to-End Solution for Fluid Drug Substance Inter-Facility Storage and Delivery	SP Scientific/Pentech <b>2:00pm - 2:30pm</b>
<b>3:15pm - 4:00pm</b>	PAT-based Linear pH Gradient as an Alternative Platform to Downstream Process Monoclonal Antibodies	TerumoBCT	Pharma Intelligence: 2019 State of Investment	CMIC CMO USA	CRB Tech Tank	Aseptic Processing: Achieving Advanced While Staying Flexible	Regulations For Submitting Tableting & Encapsulating Machine Transactions Online	Innovative RAPA : 'Risk Analysis & Preventive Actions' approach. Case Study of OSD High Potent (OEL1 to OEL5) Facilities Design meeting cGMP & HSE requirements.	BOSCH Packaging Technology <b>3:00pm - 3:30pm</b>
<b>4:15pm - 5:00pm</b>	Smart Evolution: Planning Your First Laboratory or Manufacturing Facility	INNOPHEX Reception Sponsored by  <b>4:00pm - 5:00pm</b>	Oral Administration and Therapy	Therapure Biopharma	Innovative GAPA: 'Gap Analysis & Preventive Actions' design approach. Case Study: cGMP Sterile Facilities Design new trends involving Continuous Process Validation Guidelines (FDA2011).	Risk Management Strategies to achieve Containment Performance Targets for ADC Applications	A risk based approach for cleaning and disinfection program	Exploring a Blockchain Enabled Supply Chain	Antares Vision North <b>4:00pm - 4:30pm</b>

*\*As of January 18, 2019. Schedule subject to change.*



## WEDNESDAY, APRIL 3, 2019

	INNOVATION STAGE	INNOPHEX STAGE	INTERPHEX LIVE	CMO/CDMO STAGE	STAGE 1	STAGE 2	STAGE 3	STAGE 4 VENDOR PRESENTATIONS	STAGE 5
	Booth 1281	Booth 3941	Crystal Palace Lobby	Booth 1053	Booth 1076	Booth 1577	Booth 1877	Booth 2276	Booth 2477
10:00am - 3:00pm	Show Floor Open & IPX/BPI Poster Hall								
10:00am - 12:00pm	IPS Technology Tours (Registration Required)								
10:00am - 10:45am			Advanced & Highly Adaptive Automation Technology Integrated with Industry 4.0 Trends	Teligent Inc.	Facility Focus: Single Use BioManufacturing: Designing the Facility of the Future	How to Increase Efficiency and Flexibility with Single Use Fermentors	Requirements of 2019 Edition of NFPA 652 Standard on Combustible Dust - On your Way Towards Compliance?	Walking through a practical energy conservation program (ISO50001) using an IoT technology for compressed air usage at a large pharma facility	
11:00am - 11:45am	Keynote	NanoCool	Adding Intelligence to Legacy Assets Through Artificial Intelligence & Domain Expertise for Operational Excellence	LSNE Contract Mfg.	How Are You Driving Speed to Market?	CFD for clean environment: Application examples	It's the Climb: Scaling the Digital Transformation mountain one step at a time	Cyber Resilience: Ensuring your infrastructure can withstand adverse events and attacks without jeopardizing productivity	Contect Inc. <b>11:00pm - 11:30pm</b>
	Tech Lunch & Learn								
1:00pm - 3:00pm	IPS Technology Tours (Registration Required)								
1:15pm - 2:00pm	Keynote		A Path Towards a Better Freeze Drying Product & Process using Mass Spectrometry	Avid Bioservices, Inc.	Facility Focus: Priming Projects for Success: Planning and Capital Appropriation for GMP Facilitie	Taking Advantage of Your Manufacturing Data: BioPhorum's Big Data to Smart Data Initiative	The New Horizons in the Cleanroom Monitoring After the Issuance of ISO 14644-2:2015	Rethinking cleaning validation for API manufacturing	
2:15pm - 3:00pm	Keynote		Car-T Cell Advancements	Ajinomoto Bio-Pharma	PDA Round-table	Case study: un-optimized procedures and practices leading to recurring Microbial Contamination in grade A (ISO 5)	Facility Intensification and Cost Reduction Opportunities using an Integrated Buffer Delivery Platform	Cleaning Cycle Development for Parts Washers	BOSCH Packaging Technology <b>2:00pm - 2:30pm</b>
3:15pm - 4:00pm	A QbD Approach Towards Manufacturing of Parenteral Packaging Components with First Line USA		Leveraging Technologies into a Smart Supply Chain	Grand River	Grade B or not to B: Starting vial break and other open cell culture processes.	Next-Generation, Integrated Single-use pH, Dissolved Oxygen, and Pressure Instrumentation for Bioprocessing	Combining Industry 4.0 and Big Data to Reduce Manufacturing Costs	Quality Systems - It's a 'Risky' Business	Qure Medical <b>3:00pm - 3:30pm</b>
4:15pm - 5:00pm	Cleaning Chromatography Resin Residues from Surfaces: evaluation of cleaning process design for non-dedicated chromatography columns		Regulatory Review: What's New?	Berkshire Sterile Mfg.		Flexibility and Predictability: How to Achieve both in New Facilities	Computational Fluid Dynamics - A Modeling Tool for Clean Room Airflow	Critical Utilities Support of Continuous Manufacturing - The Keys to Success	

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## THURSDAY, APRIL 4, 2019

	INNOVATION STAGE	INNOPHEX STAGE	INTERPHEX LIVE	CMO/CDMO STAGE	STAGE 1	STAGE 2	STAGE 3	STAGE 4 VENDOR PRESENTATIONS	STAGE 5
	<b>Booth 1281</b>	<b>Booth 3941</b>	<b>Crystal Palace Lobby</b>	<b>Booth 1053</b>	<b>Booth 1076</b>	<b>Booth 1577</b>	<b>Booth 1877</b>	<b>Booth 2276</b>	<b>Booth 2477</b>
<b>10:00am - 3:00pm</b>	Show Floor Open & IPX/BPI Poster Hall								
<b>10:00am - 10:45am</b>	Using Simulation for Optimization throughout the Facility Lifecycle		PDA Round-table		Reducing Business Risk and Improving Data Integrity Through cGMP Meeting FDA ALCOA(+) Requirements	A More Strategic Approach to Tactical Planning In Pharma Manufacturing	Design Aspects for Facilities Employing Single Use Technology	Technology Solutions for Challenges in Cold Chain Storage and Transportation	
<b>11:00am - 11:45pm</b>	Stopping Infections - How Hospital Flooring Factors Into Life or Death Solutions			Hikma Pharmaceuticals		Viral Safety of Cleaned Surfaces Using a Risk Based Approach	Digital Transformation: Getting Fit for the Future		

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