



**2023 PDA Parenteral Packaging Conference**  
*Are you ready? Incorporating Safety, User Centricities, and Sustainability into Packaging Innovation*  
 Venice, Italy

18-19 April 2023

<b>Tuesday, 18 April 2023</b>		<b>09:00-17:15</b>
9:00	Welcome and Introduction	Falk Klar, <i>PDA Europe</i>
	Welcome from the Chairs	Bettine Boltres, <i>WEST</i> Derek Duncan, <i>LIGHTHOUSE Instruments</i>
<b>Opening Plenary: Where are we with Sustainability and how can we include it in Regulatory Developments?</b>		<b>Moderator:</b> Bettine Boltres, <i>WEST</i>
	<b>Opening Keynote:</b> The Global Problem of Pharmaceutical Glass Waste	<i>Krysteline Technologies Ltd</i>
	Having your Cake and Eating it too: Developmental Considerations for Preservative-Free Multidose Drug Products	<i>U.S. FDA</i>
	Recent Developments in Ph. Eur. Packaging Chapters	<i>EDQM</i>
10:40	<b>Coffee Break, Poster Session &amp; Exhibition</b>	
	Towards Circular Packaging and Devices	<i>Alliance to Zero on behalf of SCHOTT</i>
	Updates on TR73-2 (MDR GSPR Requirements for PFS)	Bettine Boltres, <i>WEST</i>
	Interactive Questionnaire Session	
	Q&A, Panel Discussion	<b>Moderator:</b> Bettine Boltres, <i>WEST</i>



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<b>12:50</b>	<b>Lunch Break, Poster Session &amp; Exhibition</b>			
<b>13:35</b>	<b>LIVE Guided Poster Walk</b> Engage with our Poster Presenters in our Exhibition Hall			
<b>Session 1</b>	<b>Track A</b> <b>Insights from Container Closure System Development</b>	<b>Moderator:</b> Philippe Lauwers, <i>Terumo</i>	<b>Track B</b> <b>Container Closure Integrity Testing (CCIT) Part I</b>	<b>Moderator:</b> Miho Soma, <i>Gilead</i>
	Impact of Terminal Sterilization on Cartridge Packaging System Development for Suspensions	<i>GSK</i>	Unlocking New Paths to Container Closure Integrity Assurance Realization	<i>SmartSkin Technologies</i>
	Leveraging the Relationship between Viscosity and Injection Force to Optimize Development Cost and Timeline	<i>Lonza</i>	Container Integrity in the Time of Covid-19	<i>Moderna</i>
	Q&A, Discussion	<b>Moderator:</b> Philippe Lauwers, <i>Terumo</i>	Q&A, Discussion	<b>Moderator:</b> Miho Soma, <i>Gilead</i>
	<b>15:25</b> <b>Coffee Break, Poster Session &amp; Exhibition</b>			
<b>Session 2</b>	<b>Track A</b> <b>Closed System Transfer Devices (CSTD)</b>	<b>Moderator:</b> Ryan Forrey, <i>BD</i>	<b>Track B</b> <b>Packaging Material Interactions and Defect Evaluation</b>	<b>Moderator:</b> Sinue Gomez, <i>Corning</i>



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	Comprehensive Risk Assessment and Development of Design Specifications for the Interconnection of Closed System Drug Transfer Devices and Vial Container Closure Systems	<i>PQRI Group</i>	Extractables Evaluation X-ray or Gamma Irradiated SU Devices and Materials	<i>Sartorius</i>
	Strategies for De-risking of Clinical CSTD use during Chemistry, Manufacturing, Control (CMC) Development	<i>Merck KGaA</i>	Defect Library of Blow-Fill-Seal Containers	<i>Rommelag</i>
	Q&A, Discussion	<b>Moderator:</b> Ryan Forrey, <i>BD</i>	Q&A, Discussion	<b>Moderator:</b> Sinue Gomez, <i>Corning</i>
<b>17:15</b>	<b>End of Conference Day 1 &amp; Networking Event</b>			
<b>Wednesday, 19 April 2023</b>				
<b>08:00-16:30</b>				
08:00	<b>Track A</b> <b>Packaging Science Workshop</b>		<b>Track B</b> <b>Pre-Filled Syringes Workshop</b>	
<b>Session 3</b>	<b>Track A</b> <b>Deep Cold Storage</b>	<b>Moderator:</b> Patricia Hughes, <i>U.S. FDA</i>	<b>Track B</b> <b>Tackling Challenges in Large-Volume Containers</b>	<b>Moderator:</b> Bram Jongen, <i>Datwyler</i>
9:00	Container Closure Integrity Phenomenology and Failure Mechanisms	<i>BD</i>	Flexible Container Closure Systems: Unique Opportunities and Challenges	<i>Eli Lilly and Company</i>



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	during Deep Cold Storage			
	Vials for Deep Cold Storage	<i>SCHOTT</i>	Container Closure Integrity Testing of Large Volume Containers	<i>LONZA</i>
	Q&A, Discussion	<b>Moderator:</b> Patricia Hughes, <i>U.S. FDA</i>	Q&A, Discussion	<b>Moderator:</b> Bram Jongen, <i>Datwyler</i>
<b>10:20</b>	<b>Coffee Break, Poster Session &amp; Exhibition</b>			
<b>Session 4</b>	<b>Track A</b> <b>Container Closure Integrity Testing (CCIT) Part II</b>	<b>Moderator:</b> Coralie Richard, <i>Eli Lilly &amp; Company</i>	<b>Track B</b> <b>Insights from Process Experts</b>	<b>Moderator:</b> Folker Steden, <i>SCHOTT</i>
	Correlating CCI Leak Rates as Determined by Helium Leak Testing and Laser-Based Headspace Carbon Dioxide Analysis Using Modular Positive Controls	<i>F. Hoffmann - La Roche</i>	Exploring the Impact of Injection Molding and Steam Sterilization on Pre-fillable Cartridge Packaging System Tolerances	<i>Stevanato Group</i>
	Strategies to Evaluate Container Closure Integrity (CCI) of Vial and Syringe Systems over Time and Temperature	<i>WEST</i>	Large-Scale Freezing and thawing of Biologics in Drug Substance Bottles	<i>Ten23 Health</i>
	Q&A, Discussion	<b>Moderator:</b> Coralie Richard, <i>Eli Lilly &amp; Company</i>	Q&A, Discussion	<b>Moderator:</b> Folker Steden, <i>SCHOTT</i>



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<b>12:10</b>	<b>Lunch Break, Poster Session &amp; Exhibition</b>	
<b>Closing Plenary: Sustainable Packaging Now and in the Future</b>		<b>Moderator:</b> Arne Kloke, <i>Alliance to Zero on behalf of SCHOTT</i>
	Interactive Questionnaire Session	<b>Moderator:</b> Arne Kloke, <i>Alliance to Zero on behalf of SCHOTT</i>
	Insights from a Pharma Company	<i>Invited Speaker</i>
	Sustainable Pharma Packaging/Grass Board	<i>Körber Pharma</i>
<b>14:05</b>	<b>Coffee Break, Poster Session &amp; Exhibition</b>	
	The Correlation Between Continuity, Supply Chain Resiliency, and Sustainability in Healthcare Packaging	<i>Plastic Ingenuity &amp; Oliver Healthcare Packaging</i>
	Product Design and Life Cycle Analysis of Sustainable Pharmaceutical Containers	<i>Corning</i>
	Closing Panel Discussion	<b>Moderator:</b> Arne Kloke, <i>Alliance to Zero on behalf of SCHOTT</i>
	Chairs Conference Summary	Bettine Boltres, <i>WEST</i> Derek Duncan, <i>LIGHTHOUSE Instruments</i>
	Closing Remarks & Farewell	Falk Klar, <i>PDA Europe</i>
<b>16:30</b>	<b>End of Conference</b>	