







Global











# BIOVIA LIVE 2025

October 6-8, 2025 | Dublin, IRELAND







AGENDA







## Workshops and Training

	Swift Suite 2	Field Suite 1	Field Suite 2	Connolly Boardroom	Swift Suite 1	Pearse Boardroom
9:00 AM –10:00 AM	Check-In					
10:00 AM –12:00 PM	Pipeline Pilot Fundamentals 	<b>AI &amp; Machine Learning:</b> Python Integration with Pipeline Pilot 	Protein Binder Design: From Target Assessment to AI-Driven Generation 	ONE Lab Advanced Training: Method Authoring & Expression Editor	Building Polymer Networks with Materials Studio	Formulation Design and Materials Management on 3DEXPERIENCE
12:00 PM –1:30 PM	Lunch (Chancery Grill)					
1:30 PM –4:30 PM	Pipeline Pilot Fundamentals (continued) 	<b>AI &amp; Machine Learning:</b> Python Integration with Pipeline Pilot (continued) 	Antibody Epitope Mapping and Affinity Maturation with Discovery Studio	ONE Lab Advanced Training: Equipment Management	COSMO-RS: Reaction Modeling, Crystal Design, and Solvent Screening	Design Virtual Advisors on 3DEXPERIENCE with Pipeline Creator 
4:30 PM –5:30 PM	Welcome Reception (Terrace Garden)					
8:00 PM	Dublin Walking Tour (optional – meet in Lobby)					

9:00 AM	Keynote: <b>From Molecule to Manufacturing—Uniting Science with AI &amp; Automation</b> (Goldsmith) Gene Tetreault – Head of BIOVIA Product Management			
9:45 AM	Break / Exhibition (Goldsmith 3); 1-On-1 Meetings (All Day)			
	R&D Lab of the Future	Life Sciences Therapeutics Innovation	Materials Innovation	Data Science and Research Informatics
Room	Goldsmith 1	Goldsmith 2	Swift Suite 1	Swift Suite 2
10:15 AM	The Lights-Out Lab with <b>Scientific AI</b> Gene Tetreault, <b>BIOVIA</b> 	Supercharging Small Molecule Therapeutic Design with <b>Scientific AI</b> Erik Bierwagen, <b>BIOVIA</b> 	Virtual Twin Experience Powered by <b>Scientific AI</b> to Accelerate Materials Innovation Kai Zhang, <b>BIOVIA</b> 	<b>Large Language Models</b> and Active Learning for Experimental Data Gregory Price, João Inês, <b>BIOVIA</b> 
10:40 AM	Sanofi's Digital Transformation Journey Dennis Zolk, Mathias Ganz <b>Sanofi</b>	Evaluating <b>Large Language Models</b> vs. Physics for Antibody Optimization Anne Goupil, <b>BIOVIA</b> 	What's New in Materials Studio: Modeling & Simulation in the Era of <b>AI</b> James Wescott, <b>BIOVIA</b> 	From Recipe to Batch with Virtual Advisors based on Pipeline Creator Protocols Björn Loeprucht, <b>BIOVIA</b> 
11:05 AM	Process Workflow for Formulation Development Sara Stomberg, <b>AstraZeneca</b>	Quality by Digital Design to Accelerate Sustainable Medicines Development Murray Robertson <b>University of Strathclyde</b>	Predictive Tools: Accelerating Progress in Research and Innovation Mirella Simões Santos, <b>Syensqo</b>	Accelerate Innovation with Application Extensions and Data Pipelines Kaamil Shahul & Clément Nardari, <b>BIOVIA</b>
11:25 AM	Break (Goldsmith 3)			
11:40 AM	Volume to Value, Scaling Compliance and Productivity: Our BIOVIA ONE Lab Journey Ashok Nayak, <b>Ipca</b>	From Consortium to Code: The Development of OpenFold3 Mallory Tollefson, <b>OpenFold</b> 	Sustainable Packaging Innovation Stephen Todd, <b>BIOVIA</b>	Chemical Language Models, Graph Neural Networks and Generative Formulation Design Gregory Price, <b>BIOVIA</b> 
12:05 PM	Connected Science: Moving Beyond the ELN Kirsten Gesenberg, <b>BIOVIA</b> 	GOLD Docking to Interpret Receptor Subtype Selectivity Francine C. Acher, <b>CNRS</b>	From Li-ion to High Performance Batteries with BIOVIA Battery Materials Solutions Johan Carlsson, <b>BIOVIA</b>	From Edge to Cloud: Unlocking On-Premise Data Value Clément Nardari & Phil Cochrane, <b>BIOVIA</b>
12:30 PM	Lunch (Chancery Grill)			

1:30 PM	Lunch continues, plus <b>Poster Session / Exhibition</b> (Goldsmith 3)			
	Lab of the Future Automation	Life Sciences Therapeutics Innovation	Materials Innovation	Data Science and Research Informatics
Room	Goldsmith 1	Goldsmith 2	Swift Suite 1	Swift Suite 2
2:00 PM	ONE Lab in Action: Modernizing Documentation and Workflows Tiffany Lai, <b>Pfizer</b>	Bioprocessing Workflow in ONE Lab Erik Bierwagen, Gene Tetreault <b>BIOVIA</b>	Mesoscale Simulations of Ionomer Membranes Prof. James Elliott <b>University of Cambridge</b>	Build, Train and Deploy <b>Machine Learning</b> Models at Scale Clément Nardari, <b>BIOVIA</b>
2:25 PM	Customer Panel: AI-Driven Lights-Out Lab	In Silico Solvent Selection for Particle Morphology Control in API Crystallization Xiunan Zhang, <b>APC Ltd</b>	Materials Intelligence: Enhancing ICME-Driven Product Development James Wescott, <b>BIOVIA</b>	The Logic of Chemical Optimization David Kombo, <b>Sanofi</b>
2:50 PM	Poster Session / Exhibition (Goldsmith 3), plus <b>Group Photo</b> (3PM)			
3:45 PM	Stability & Batch Release Workflows in ONE Lab Margaux Soulès, <b>BIOVIA</b>	Exploration of Novel Cancer Therapeutics with <b>Generative Therapeutic Design</b> Laurent Hoffer, <b>OICR</b>	Predicting Surface Tension & Thermodynamic Properties with COSMO-RS & ML Flora Esposito, <b>KU Leuven</b>	Creating User-Friendly Formulation Advisors from Your <b>Machine Learning</b> Models Phil Cochrane, <b>BIOVIA</b>
4:10 PM	High Throughput Automation Erik Bierwagen, <b>BIOVIA</b>	Transforming Content Management in an <b>AI-Driven</b> Future Kevin O'Leary, <b>BIOVIA</b>	Improved Property Prediction: The Power of Joint COSMO-RS & <b>Machine Learning</b> Frank Eckert, <b>BIOVIA</b>	Molecules You Can Make: Synthesis-Aware AI Design Matt Sage, <b>BIOVIA</b>
4:35 PM	From Laboratory to Submission: The Stability Data Journey Margaux Soulès, <b>BIOVIA</b>	<b>AI and Large Language Models</b> for Regulatory Kevin O'Leary, <b>BIOVIA</b>	Special Edition: Celebrating Materials Studio 25-Year Anniversary Stephen Todd, <b>BIOVIA</b>	What's New for Data Integration, Scientific Informatics and <b>Machine Learning</b> Pipelines Clément Nardari, <b>BIOVIA</b>
6:30 PM	Networking Dinner (Goldsmith)			

9:00 AM	Keynote: <b>Essential Insights from Tuesday</b>			
9:20 AM	Keynote: <b>Reza Sadeghi, BIOVIA CSO &amp; Chetan Parmar, FoodChain ID</b> (Goldsmith)			
9:45 AM	Poster Session / Exhibition (Goldsmith 3)			
	Lab of the Future	Life Sciences Manufacturing Analytics	CPG / Chemical Formulations & Lab	Data Science and Research Informatics
Room	Goldsmith 1	Goldsmith 2	Swift Suite 1	Swift Suite 2
10:15 AM	Redesigning the Routine: A Smarter Approach to LC Test Methods Martin Strachon, <b>Pfizer</b>	Use of Discoverant for APQRs and Non-GxP Monitoring via Dataiku Rob Normile, <b>Alexion</b>	Smarter Formulation Development: Empowering R&D with <b>Scientific AI</b> and the <b>Virtual Twin Experience</b> Walid Darghouth, <b>Dassault Systèmes</b> 	SMART-HUB: Compound Management with Pipeline Pilot Adrian Andronache, <b>IFOM AIRC Institute of Molecular Oncology</b>
10:40 AM	Designing Bioprocess Workflows: From Excel to ONE Lab Alexandre Gilet, <b>Merck KGaA</b>	Customer Panel AI-Powered Bioprocess Intelligence: Redefining the Future 	Virtual Twin Experiences—Materials Design, Formulations & Process Optimization Lalitha Subramanian, Reza Sadeghi <b>BIOVIA</b> 	Complex Molecule Sketching, Made Easy Matt Sage, <b>BIOVIA</b>
11:05 AM	Batch Release: From QC Testing to Quality Event Management Niamh Finn, Margaux Soulès, <b>BIOVIA</b>	Shaping the Future of Pharma Manufacturing with AI/ML Larry Fiegland, <b>BIOVIA</b> 	Optimizing Digital Transformation: From Workbook to ONE Lab Riccardo Conti, <b>Aboca</b>	It's Not FAIR: Why Are Data Reporting & Analytics Still Difficult? Martin Berliner, <b>BSI Consulting LLC</b>
11:25 AM	Break (Goldsmith 3)			
11:40 AM	It's the Little Things: How Small Details Unlock Big Value in Digital Labs Claire Pancrace, Tarkan Cevik, <b>BIOVIA</b>	Discoverant and Pharmaceutical Data Sam Watson, <b>ThermoFisher Scientific</b>	<b>Virtual Lab</b> for Chemical Engineers Frank Eckert, <b>BIOVIA</b> 	BIOVIA Chemistry: Small & Large Molecule Innovation on <b>3DEXPERIENCE</b> Matt Sage, <b>BIOVIA</b>
12:05 PM	Power Up Your LIMS and Avoid Laboratory Limbo Claire Mayo, <b>BIOVIA</b>	Real-Time Data Sync for Pharma Manufacturing and Process Development Larry Fiegland, <b>BIOVIA</b>	From Data to Decisions: <b>AI</b> and Predictive Modeling Use Cases in Formulation R&D Badis Mohamed Jaouani <b>Dassault Systèmes</b> 	Visualizing and Analyzing Experimental Data Kaamil Shahul, <b>BIOVIA</b>

12:30 PM	Lunch (Chancery Grill)			
1:30 PM	Lunch continues, plus Poster Session / Exhibition (Goldsmith 3)			
	QA & QC	Life Sciences Manufacturing Analytics	CPG / Chemical Formulations & Lab	Data Science and Research Informatics
Room	Goldsmith 1	Goldsmith 2	Swift Suite 1	Swift Suite 2
2:00 PM	 Quality Management with Virtual Twins Kevin O’Leary, <b>BIOVIA</b>	 Investigation Report Initiated by <b>Large Language Models</b> Stéphane Vellay, Gregory Price <b>BIOVIA</b>	Unifying Formulation Development: From Design to Batch Making & Testing Frank Schaffer, <b>BIOVIA</b>	Pipeline Pilot Pet Peeves Clément Nardari and Phil Cochrane <b>BIOVIA</b>
2:25 PM	 <b>AI-Driven</b> Quality Management Niamh Finn, Conor Barry, <b>BIOVIA</b>	 Virtual Twin & Predictive Modeling: Drug Discovery, Development and Delivery Lalitha Subramanian, Reza Sadeghi <b>BIOVIA</b>	 Virtual Formulations: How Simulations Accelerate Optimization of Your Formula Johan Carlsson, <b>BIOVIA</b>	
2:50 PM	 <b>AI</b> Companion for Lab Automation Kirsten Gesenberg, <b>BIOVIA</b>	Cross-Organizational Discoverant-to-Discoverant Data Transfer Abha Ramchandani, <b>Gilead Sciences</b>	Smarter Innovation: Food & Beverage Formulation Development Frank Schaffer, <b>BIOVIA</b>	
3:10 PM	Continued 1-on-1 meetings			