BIOVIA LIVE 2024

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
9:00-10:00	CHECK-IN					
10:00–12:00	Pipeline Pilot Fundamentals	Pipeline Pilot Analytics and Machine Learning	AI-Driven Drug Design	COSMO-RS: Reaction Modeling beyond DFT & Reactions in Solvents	Jupyter Notebook and Python Integration in Pipeline Pilot	1. Follow the Drug 2. Biologics Design
12:00–1:00	LUNCH					
1:00–2:00	Pipeline Pilot Fundamentals (Continued)	Pipeline Pilot Analytics and Machine Learning (Continued)	ONE Lab Calculation Engine	COSMO-RS: Crystal Design in Pharmaceutical Development (Cocrystal Screening, Morphology, Solvent Screening)	Jupyter Notebook and Python Integration in Pipeline Pilot (Repeat)	Day in life of a Recipe Developer: A Food & Beverage Formulations Experience
2:00–3:00						Development of Polymer Materials
3:00–4:00						Battery Materials V+R Innovation
4:00 - 6:00	Welcome Reception					

BIOVIA LIVE 2024

	Lab of the Future	Regulatory, Quality and Manufacturing	Materials Innovation	Data Science and Informatics	Drug Discovery
9:00 AM	KEYNOTE				
	Room 1	Room 2	Room 3	Room 4	Room 5
10:00 AM	The Next Generation of ONE Lab on **3D**EXPERIENCE **BIOVIA**	Future of Regulatory Kevin O'Leary **BIOVIA** (AI)	A Foundation Model for Atomic Scale Materials Chemistry Gabor Csanyi **Cambridge University** (AI)	Using Pipeline Pilot to Democratise Model Building Ian Stott **Unilever** (AI)	Drug Discovery with AI **Customer TBA** (AI)
10:25 AM	ONE Lab for Quality Control Labs **BIOVIA**	Intro and Overview of Structured Documents Margaux Soules **BIOVIA** (AI)	Optimizing Process Performance through Molecular Design and Predictive Thermodynamics Lukas Raßpe-Lange **RWTH Aachen University** (AI)	Data Science and AI in Biopharma **Customer TBA** (AI)	Application of Generative Therapeutic Design and CSD-GOLD for Discovery of Novel Anti-TB Molecules Rupesh CHIKHALE **Cambridge Crystallographic Data Centre** (AI)
10:50 AM	BREAK				
11:10 AM	Biopharma Customer Presentation **Customer TBA**	CMC Dossiers Use Case & Demo of CMC Authoring Margaux Soules **BIOVIA**	Machine Learning (ML)Applications in Materials Innovation **BIOVIA** (AI)	AI/ML Use Cases with Pipeline Pilot David Nicolaides **BIOVIA** (AI)	Collaborative Solution for Small Molecule Therapeutics Design Alexandre Cabayé **BIOVIA** (AI)
11:35 AM	UCB Biopharma 4.0 Smart Laboratory **UCB**	**Customer TBA**	A Quantum Computing Collection for Pipeline Pilot **Quantinuum**	Introduction to Virtual Companion Phil Cochrane **BIOVIA**	Enhanced Active Learning in Generative Design David Nicolaides **BIOVIA** (AI)
12:00 PM	LUNCH				

BIOVIA LIVE 2024

	Lab of the Future	Regulatory, Quality and Manufacturing	Modeling & Simulation in Pharma Development	Data Science and Informatics	Drug Discovery
	Room 1	Room 2	Room 3	Room 4	Room 5
1:30 PM	ELN Customer Presentation **Customer TBA**	Future of Quality Management – Industry is Transforming **Part 1** Kevin O'Leary **BIOVIA** (AI)	Computer-Aided Solvent Selection to Control Nucleation and Resulting Product Quality Attributes in API Crystallization Jacek Zeglinski, **APC Ltd.**	Pipeline Pilot in Life Sciences **Customer TBA**	Retrosynthetic Analysis Laurent Naudin **BIOVIA**
1:55 PM	BIOVIA Scientific Notebook ELN **BIOVIA**	Future of Quality Management – Industry is Transforming **Part 2** Kevin O'Leary **BIOVIA** (AI)	Pharma Dev with COSMO-RS **Customer TBA**	Pipeline Pilot in Life Sciences **Customer TBA**	The Present and Future of BIOVIA Chemistry Matthew Sage **BIOVIA**
2:20 PM	Effective Search for Scientific Data **BIOVIA**	Quality Document Manager Niamh Finn **BIOVIA**	Pharma Dev with Materials Studio **Customer TBA**	Pipeline Pilot in Life Sciences **Customer TBA**	Next-generation Materials Registration on **3D**EXPERIENCE Platform Neil Eccles **BIOVIA**
2:45 PM	**POSTER SESSION & BREAK**				
3:45 PM	Innovators for Instrument Integration **BIOVIA**	Introducing the New BIOVIA Biopharma Quality Management **3D**EXPERIENCE Platform Niamh Finn **BIOVIA** (AI)	Pharma Dev with COSMO-RS **Customer TBA**	Introduction to Machine Learning Workbench and Pipeline Creator Clement Nardari **BIOVIA**	Optimization of Nek6 Inhibitors' Structure by Computer-assisted Design Maria Cristina De Rosa **Catholic University of Rome**
4:10 PM	Drug Product Development **BIOVIA**	Exploring Next Gen Quality **Customer TBA**	Pharma Dev with Materials Studio **Customer TBA**	Predicting Prediction Accuracy David Nicolaides **BIOVIA**	Biologics Design with Deep Learning and Molecular Modeling and Simulation Anne Goupil **BIOVIA**
4:35 PM	BIOVIA Professional Services: Your #1 Value Up Partner **BIOVIA**	Migrating Third-Party Quality Systems into the **3D**EXPERIENCE Platform Kevin O'Leary **BIOVIA** (AI)	Pharma Development **Customer Panel**	Using LLMS and Foundation Models for Chemistry Gregory Price, Alena SHEVELEVA and David Nicolaides **BIOVIA** (AI)	Drug Discovery with Molecular Modeling Enhanced by OpenFold/AlphaFold in Discovery Studio Simulation **BIOVIA** (AI)

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THURSDAY OCT 17 — MORNING AGENDA

	Lab of the Future	Regulatory, Quality and Manufacturing	Materials Modeling & Simulation	Data Science and Informatics	Formulations
9:00 AM	**KEYNOTE**				
	Room 1	Room 2	Room 3	Room 4	Room 5
10:00 AM	Lab Workflows and Data Analytics for Battery Materials in Automotive **BIOVIA**	Discoverant: What's New and Maintaining Your Hierarchies (Gene / Tom Simons) **BIOVIA**	Interpreting X-ray Spectra from Li-ion Battery Cathode Materials Rebecca Nicholls **Oxford University**	Pipeline Pilot Applications **Customer TBA** (AI)	Streamline Formula and Recipe Development Workflows **BIOVIA**
10:25 AM	Putting Your Lab Data to Work: Data Science Initiatives **BIOVIA**	Beyond Document Structured Content: APQR Use Case Stephane Vellay **BIOVIA**	Advanced Simulation for Next-gen Battery Materials Johan Carlsson **BIOVIA**	Pipeline Pilot Roadmap and What's New Clement Nardari **BIOVIA**	Virtual Formulation: Optimizing Your Designs for Success **BIOVIA**
10:50 AM	**BREAK**				
11:10 AM	ELN and Inventory Management **Customer TBA**	Pharma 4.0: Achieving Agile Biomanufacturing Virtual Twin Experiences Mahaut De Villepin-Lambert **BIOVIA**	Material Studio as an Efficient Tool to Study Structure-property Relations of Novel Carbonates Prof. Bjoern Winkler **Goethe University**	Pipeline Pilot Pet Peeves **Part 1** Clement Nardari **BIOVIA**	A Day in Life of Formulator **BIOVIA**
11:35 AM	ELN and ONE Lab **Customer TBA**	**Customer TBA**	Hydrocarbon Membranes for Fuel Cell Applications: A DFT Stability Study Chris Perry **Johnson Matthey**	Pipeline Pilot Pet Peeves **Part 2** Clement Nardari **BIOVIA**	Multi-Objective Formulation Optimization **BIOVIA**
12:00 PM	**LUNCH**				

	Lab of the Future	Regulatory, Quality and Manufacturing	Materials Modeling & Simulation	Workshop	
	Room 1	Room 2	Room 3	Room 4	Room 5
1:30 PM	Materials Inventory Management on **3D**EXPERIENCE Platform **BIOVIA**	**Customer TBA**	Innovate Faster and Better with Materials Studio 2024 James Wescott **BIOVIA**		
1:55 PM	Synthetic Chemistry in ONE Lab **BIOVIA**	**Customer TBA**	Catalyst Modeling and Simulation **Customer TBA**	ONE Lab Calculation Engine **BIOVIA**	
2:20 PM	Customer Talk **Customer TBA**	Streamlining Templated Report Generation: Leveraging Discoverant Data Automation Stephane Vellay **BIOVIA**	The Chemistry of Sustainable Packaging Stephen Todd **BIOVIA**		
2:45 PM	**BREAK**				
3:30 PM	Accelerating BIOVIA Deployment **BIOVIA**	**Customer TBA**	Molecular Modeling and Simulation **Customer TBA**		
3:55 PM	Controlled Substances in CISPro **BIOVIA**	**Customer TBA**	Reaction Modeling with COSMO-RS **Customer TBA**	ONE Lab Calculation Engine **BIOVIA** **(Continued)**	
4:20 PM	Drug Product Development **BIOVIA**	Customer Panel Discussion **TBA**	Industrial Applications with COSMO-RS **BIOVIA**		