BIOVIA LIVE 2024

	Classroom **1**	Classroom **2**
8:30 - 11:00	CHECK-IN	
11:00 – 1:00	LUNCH	
1:00-2:00	Generative Therapeutics Design Deep Dive Kevin Cassidy	ONE Lab Calculation Engine Graham Janson
2:00 - 3:00	Ideation to Manufacturing: from early discovery to market Niran IYER	
3:00 – 4:00	Unlocking the Power of Jupyter Notebook and Python Integration in Pipeline Pilot Niran IYER	

	Classroom **3**	Classroom **4**
8:30 – 9:00	CHECK-IN	
9:00 – 5:00	Pipeline Pilot Fundamentals Jason DeJoannis	Pipeline Pilot Analytics and Machine Learning Abhigna Polavarapu

4:00 - 6:00	Welcome Reception

	Lab of the Future	Quality, Regulatory and Manufacturing	Drug Discovery and Development	Materials Innovation
9:00 AM	**KEYNOTE**			
10:00 AM	The Next Generation of ONE Lab on **3D**EXPERIENCE Stephen Hayward, **BIOVIA**	Future of Regulatory Kevin O'Leary, **BIOVIA**	Build or Buy? With Pipeline Pilot You Can Do It All! Jennifer Heymont, **EISAI**	Advanced Simulation for Next-gen Battery Materials Nick Reynolds, **BIOVIA**
10:25 AM	From BIOVIA ONE Lab to Biologics License Application Filing Customer TBA	Intro and Overview of Structured Documents Subra Narayanasamy, **BIOVIA**	Automated Analog Generation and Synthetic Feasibility Prediction Chris Lowden, **Workflow Informatics**	Simulations of complex electrolytes for Lithium-ion batteries Md Jamil Hossain, **Brown University**
10:50 AM	**BREAK**			
11:10 AM	ONE Lab Connected to Dassault Systèmes Solutions Gene Tetreault, **BIOVIA**	CMC Dossiers and Use Case Subra Narayanasamy, **BIOVIA**	Exploring Novel Cancer Therapeutics with Generative Design and AI Laurent Hoffer, **OICR**	Battery Lab and Recipe Management Nick Reynolds, **BIOVIA**
11:35 AM	Accelerating Raw Material and Batch Release Jason Sexton, **BIOVIA**	Demo of CMC Authoring Subra Narayanasamy, **BIOVIA**	Application of AI and Machine Learning Techniques to the Analysis of Dynamic Protein Sequences David Kombo, **Sanofi**	Customer Talk TBA
12:00 PM	**LUNCH**			

	Lab of the Future	Quality, Regulatory and Manufacturing	Drug Discovery and Development	Materials Innovation
1:00 PM	Simplifying the Audit History Review Process in Workbook Marty Berliner, **Pfizer**	First Impressions using Structured Documents Customer TBA	Enhanced Active Learning in Generative Design Dana Honeycutt, **BIOVIA**	Machine Learning (ML) Applications in Materials Innovation Nick Reynolds, **BIOVIA**
1:25 PM	Putting Your Lab Data to Work: Data Science Initiatives Stephen Hayward, **BIOVIA**	Open Q&A	Introduction to Machine Learning Workbench and Pipeline Creator Clement Nardari, **BIOVIA**	AI Solutions for Organic Chemistry and Materials Design Tasks Prof. Olexandr Isayev, **Carnegie Mellon University**
1:50 PM	Effective Search for Scientific Data Priya Wesley, **BIOVIA**	Discoverant: Maintain Your Hierarchy Larry Fiegland, **BIOVIA**	Protein Production Workflow Digitization with Pipeline Pilot Tristan Magnay, **Sanofi**	Quantum Computing Cono Di Paolo, **Quantinuum**
2:15 PM	Best Practices for Data Governance Jeff Rappaport, **BIOVIA**	Improving Process Data Management and Data Acquisition with Pipeline Pilot Maryam Eshraghi Evari, **Regeneron**	Collaborative Virtual Plus Real Small Molecule Therapeutics Design Kevin Cassidy, **BIOVIA**	Closing the Innovation Gap in Consumer Goods Brian Carboni, **Dassault Systèmes**
2:40 PM	Controlled Substances in BIOVIA CISPro Adam Lyons, **BIOVIA**	Pharma 4.0: Achieving Agile Biomanufacturing with Virtual Twin Experiences John McCarthy, **Dassault Systèmes**	Next-generation Materials Registration on **3D**EXPERIENCE Platform Ton van Daelen, **BIOVIA**	The Chemistry of Sustainable Packaging Jason DeJoannis, **BIOVIA**
3:05 PM	**BREAK**			

	Lab of the Future	Quality, Regulatory and Manufacturing	Drug Discovery and Development	Materials Innovation
3:30PM	Synthetic Chemistry in ONE Lab Jennifer Teske, **BIOVIA**	Manufacturing Panel Discussion	Humanization and Developability Assessments in Engineering Multi-Specific Protein Therapeutics Mahiuddin Ahmed, **VITRUVIAE**	Streamline Formula and Recipe Development Workflows Chris Strassel, **BIOVIA**
3:55PM	BIOVIA Scientific Notebook ELN Kirsten Gesenberg, **BIOVIA**	Future of Quality Management - Industry is Transforming **Part 1** Kevin O'Leary, **BIOVIA**	Navigating Molecular Landscapes: Discovery Studio's Role in Precision Molecular Interactions, Mutational Analysis, and Drug Discovery Nanda K. Yellapu, **University of Kansas**	Formulation Design with Virtual Companion Chris Strassel, **BIOVIA**
4:20PM	Migration Roundtable: ELN & ONE Lab **Part 1** Kirsten Gesenberg, **BIOVIA** Jeff Rappaport, **BIOVIA**	Future of Quality Management - Industry is Transforming **Part 2** Kevin O'Leary, **BIOVIA**	Strategic Partnerships for Drug Discovery Across Different Modalities Deepa Pandit, **BIOVIA**	Predicting Formulation Performance Nick Reynolds, **BIOVIA**
4:45PM	Migration Roundtable: ELN & ONE Lab **Part 2** Kirsten Gesenberg, **BIOVIA** Jeff Rappaport, **BIOVIA**	The Value of Quality Customer TBA	Drug Discovery with Physics-Based Modeling Enhanced by OpenFold/AlphaFold in Discovery Studio Simulation Tien Luu, **BIOVIA**	A Day in Life of Formulator Jason DeJoannis, **BIOVIA**

	Lab of the Future	Quality, Regulatory and Manufacturing	Informatics and Data Science	Materials Innovation
9:00 AM	Drug Product Development Bruce Grieshaber, **BIOVIA**	Introducing the New BIOVIA Biopharma Quality Management Kevin O'Leary, **BIOVIA**	Accelerating Trustworthy Scientific Discovery With Next Generation Compute-in-Memory Hardware George Williams, **GSI Technology**	Innovate Faster with Materials Studio 2024 in the Cloud and on-Premise Jason DeJoannis, **BIOVIA**
9:25 AM	Bioprocessing with ONE Lab Adam Lyons, **BIOVIA**	Customer Talk TBA	The Present and Future of BIOVIA Chemistry Matt Sage, **BIOVIA**	Catalyst Innovation in Chemical Process Development Nick Reynolds, **BIOVIA**
9:50 AM	Lab Workflows and Data Analytics for Battery Materials in Automotive Kanishka Desai, **BIOVIA**	ONE Lab Integration with Quality Management Jessica Theisen, **BIOVIA**	Image Analytics for Q/C in R&D and clinical Nathan Rush, **BIOVIA**	Driving Innovation of Polymers with Desired Properties Jason DeJoannis, **BIOVIA**
10:15 AM	**BREAK**			
10:45 AM	Materials Inventory Management on 3DEXPERIENCE Platform Chris Strassel, **BIOVIA**	**TBA**	AI and ML Leveraging Pipeline Pilot Dana Honeycutt, **BIOVIA**	Materials Innovation Partner with BIOVIA Contract Research Nick Reynolds, **BIOVIA**
11:10 AM	Accelerating BIOVIA Deployment Graham Janson, **BIOVIA**	**TBA**	Pipeline Pilot Tips and Tricks	COSMO-RS Applications Jason DeJoannis, **BIOVIA**
11:35 AM	Instrument Integration Mike Wilson, **BIOVIA**	**TBA**	Predicting Prediction Accuracy Dana Honeycutt, **BIOVIA**	Materials Innovation Roundtable Kai Zhang, **BIOVIA**
12:00 PM	**LUNCH**			

	Lab of the Future	Quality, Regulatory and Manufacturing	Informatics and Data Science
1:00 PM		Quality Document Manager Kumar Potula, **BIOVIA**	Pipeline Pilot Roadmap Clement Nardari, **BIOVIA**
1:55 PM		Beyond Document Structured Content: APQR Use Case Jessica Theisen, **BIOVIA**	Pipeline Pilot Pet Peeves **Part 1**
2:20 PM		Transforming QUMAS to the **3D**EXPERIENCE Platform Graham Janson, **BIOVIA**	Pipeline Pilot Pet Peeves **Part 2**
2:45 PM	Event Ends		