

	Classroom 1	Classroom 2		Classroom 3
11:00 – 1:00	CHECK-IN			
12:00–1:00	LUNCH			
1:00-2:00	Generative Therapeutics Design Deep Dive Kevin Cassidy	ONE Lab Calculation Engine Graham Janson	1:00-2:00	Day in life of a Recipe Developer: A Food & Beverage Formulations Experience
2:00 –3:00	Development of Polymer Materials		2:00 - 3:30	Follow the Drug
3:00 –4:00	Jupyter Notebook and Python Integration in Pipeline Pilot Niranjani Iyer		3:00 –4:00	Battery Materials V+R Innovation

	Classroom 4	Classroom 5
8:30 – 9:00	CHECK-IN	
9:00 – 5:00	Pipeline Pilot Fundamentals Kanishka Desai (Repeat available on Wednesday)	Pipeline Pilot Analytics and Machine Learning Abhigna Polavarapu (Repeat available on Thursday)

4:00 - 6:00	Welcome Reception
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	Lab of the Future	Quality, Regulatory and Manufacturing	Materials Innovation	Data Science and Informatics	Drug Discovery and Development
9:00 AM	KEYNOTE				
10:00 AM	ONE Lab Connected to Dassault Systèmes Solutions Gene Tetreault, BIOVIA	Future of Regulatory Kevin O’Leary, BIOVIA	Advanced Simulation for Next-gen Battery Materials Nick Reynolds, BIOVIA	Build or Buy? With Pipeline Pilot You Can Do It All! Jennifer Heymont, EISAI	Exploring Novel Cancer Therapeutics with Generative Design and AI Laurent Hoffer, OICR
10:25 AM	The Next Generation of ONE Lab on 3DEXPERIENCE Stephen Hayward, BIOVIA	Intro and Overview of Structured Documents Subra Narayanasamy, BIOVIA	Simulations of Complex Electrolytes for Lithium-ion Batteries Md Jamil Hossain, Brown University	Using Hierarchical Data for Sophisticated Reporting in Pipeline Pilot Marty Berliner, Pfizer	Enhanced Active Learning in Generative Design Dana Honeycutt, BIOVIA
10:50 AM	BREAK				
11:10 AM	From BIOVIA ONE Lab to Biologics License Application Filing Customer TBA	CMC Dossiers and Use Case Subra Narayanasamy, BIOVIA	Battery Lab and Recipe Management Nick Reynolds, BIOVIA	Protein Production Workflow Digitization with Pipeline Pilot Tristan Magnay, Sanofi	Collaborative Virtual Plus Real Small Molecule Therapeutics Design Kevin Cassidy, BIOVIA
11:35 AM	Creating Samples in ONE Lab Capture Recipes Brian Rakowiecki, Johnson & Johnson	Demo of CMC Authoring Subra Narayanasamy, BIOVIA	A Quantum Computing Collection for Pipeline Pilot Irfan Khan, Quantinuum	Image Analytics with Pipeline Pilot Nathan Rush, BIOVIA	Roundtable: AI in Drug Discovery Ton van Daelen, BIOVIA
12:00 PM	LUNCH				

	Lab of the Future	Quality, Regulatory and Manufacturing	Drug Discovery and Development	Materials Innovation
1:00 PM	BIOVIA Scientific Notebook ELN Kirsten Gesenberg, BIOVIA	First Impressions using Structured Documents Customer TBA	Introduction to Machine Learning Workbench and Pipeline Creator Clement Nardari, BIOVIA	Machine Learning (ML) Applications in Materials Innovation Nick Reynolds, BIOVIA
1:25 PM	Effective Search for Scientific Data Priya Wesley, BIOVIA	Discoverant: Maintain Your Hierarchy Larry Fieglund, BIOVIA	Predicting Prediction Accuracy Dana Honeycutt, BIOVIA	AI Solutions for Organic Chemistry and Materials Design Tasks Prof. Olexandr Isayev, Carnegie Mellon University
1:50 PM	Drug Product Development Bruce Grieshaber, BIOVIA	Improving Process Data Management and Data Acquisition with Pipeline Pilot Maryam Eshraghi Evari, Regeneron	Next-generation Materials Registration on 3DEXPERIENCE Platform Ton van Daelen, BIOVIA	Closing the Innovation Gap in Consumer Goods Brian Carboni, Dassault Systèmes
2:15 PM	Innovators for Instruments Integration Mike Wilson, BIOVIA	Pharma 4.0: Achieving Agile Biomanufacturing with Virtual Twin Experiences John McCarthy, Dassault Systèmes	Application of AI and Machine Learning Techniques to the Analysis of Dynamic Protein Sequences David Kombo, Sanofi	The Chemistry of Sustainable Packaging Jason DeJoannis, BIOVIA
2:40 PM	BIOVIA Professional Services: Your #1 Value Up Partner Graham Janson, BIOVIA	Streamlining Templated Report Generation: Leveraging Discoverant Data Automation Larry Fieglund, BIOVIA	Strategic Partnerships for Drug Discovery Across Different Modalities Deepa Pandit, BIOVIA	Sustainable Materials Innovation Partner with BIOVIA Contract Research Nick Reynolds, BIOVIA
3:05 PM	BREAK			

	Lab of the Future	Quality, Regulatory and Manufacturing	Drug Discovery and Development	Materials Innovation
3:30PM	The Present and Future of BIOVIA Chemistry Matt Sage, 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	Synthetic Chemistry in ONE Lab Stephen Hayward, BIOVIA	Future of Quality Management – Industry is Transforming Part 1 Kevin O'Leary, BIOVIA	Epitope Identification Using <i>In Silico</i> Approaches, A Case Study : Nanobodies Binding to mGlu5 Receptor Floriane Eshak, Université Paris	Virtual Formulation: Optimizing Your Designs for Success Chris Strassel, BIOVIA
4:20PM	Migration Roundtable: ELN & ONE Lab Part 1 Kirsten Gesenberg, BIOVIA	Future of Quality Management – Industry is Transforming Part 2 Kevin O'Leary, BIOVIA	Go to Market Faster: Protein Engineering Workflow with Discovery Studio Nicolas Villanueva, BIOVIA	A Day in Life of Formulator Jason DeJoannis, BIOVIA
4:45PM	Migration Roundtable: ELN & ONE Lab Part 2 Kirsten Gesenberg, BIOVIA	The Value of Quality Customer TBA	Drug Discovery with Molecular Modeling Enhanced by OpenFold/AlphaFold in Discovery Studio Simulation Tien Luu, BIOVIA	Multi-Objective Formulation Optimization Dana Honeycutt, BIOVIA
5:30PM	GROUP DINNER & ACTIVITIES			

	Lab of the Future	Quality, Regulatory and Manufacturing	Data Science and Informatics	Materials Innovation
9:00 AM	Lab Workflows and Data Analytics for Battery Materials in Automotive Kanishka Desai, BIOVIA	Introducing the New BIOVIA Biopharma Quality Management Kevin O'Leary, BIOVIA	Automated Analog Generation and Synthetic Feasibility Prediction Chris Lowden, Workflow Informatics	Innovate Faster with Materials Studio 2024 in the Cloud and on-Premise Jason DeJoannis, BIOVIA
9:25 AM	Controlled Substances in BIOVIA CISPro Adam Lyons, BIOVIA	Customer Talk TBA	Accelerating Trustworthy Scientific Discovery With Next Generation Compute-in-Memory Hardware George Williams, GSI Technology	Catalyst Innovation in Chemical Process Development Nick Reynolds, BIOVIA
9:50 AM	Bioprocessing with ONE Lab Adam Lyons, BIOVIA	3DEXPERIENCE Platform with Quality Management Jessica Theisen, BIOVIA	Predictive Analytics for Biologics from Discovery to the Lab Niranjani Iyer, 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	Quality Document Manager Kumar Potula, BIOVIA	AI and ML Leveraging Pipeline Pilot Dana Honeycutt, BIOVIA	COSMO-RS Overview Jason DeJoannis, BIOVIA
11:10 AM	Accelerating BIOVIA Deployment Graham Janson, BIOVIA	Beyond Document Structured Content: APQR Use Case Jessica Theisen, BIOVIA	Unlocking the Power of Python through Pipeline Pilot Clement Nardari, BIOVIA	COSMO-RS Industrial Applications Jason DeJoannis, BIOVIA
11:35 AM	Putting Your Lab Data to Work: Data Science Initiatives Stephen Hayward, BIOVIA	Transforming QUMAS to the 3DEXPERIENCE Platform Graham Janson, BIOVIA	Pipeline Pilot Roadmap Clement Nardari, BIOVIA	Roundtable: Materials Innovation Kai Zhang, BIOVIA
12:00 PM	LUNCH			

Data Science and Informatics	
1:00 PM	Pipeline Pilot Pet Peeves Part 1
1:55 PM	Pipeline Pilot Pet Peeves Part 2
2:45 PM	EVENT ENDS

Talk Title/Speaker

Messaging

Collaborative Virtual Plus Real Small Molecule Therapeutics Design
Kevin Cassidy, **BIOVIA**

Go to Market Faster: Protein Engineering Workflow with Discovery Studio
Nicolas Villanueva, **BIOVIA**

Drug Discovery with Molecular Modeling Enhanced by OpenFold/AlphaFold in
Discovery Studio Simulation
Tien Luu, **BIOVIA**

Strategic Partnerships for Drug Discovery Across Different Modalities
Deepa Pandit, **BIOVIA**

Predictive Analytics for Biologics from Discovery to the Lab
Niranjani Iyer, **BIOVIA**

Talk Title/Speaker	Messaging
<p>AI and ML Leveraging Pipeline Pilot Dana Honeycutt, BIOVIA</p>	<p>Intro to PLP Scientific awareness Applying ML models to different use cases Code can be deployed and PLP programmers can access Python Adrien: Manufacturing example is questionable? Felix may have protocols with embeddings -</p>
<p>Introduction to Machine Learning Workbench and Pipeline Creator Clement Nardari, BIOVIA</p>	<p>We have new product SaaS Build and add ML to pipelines Customize the experience on platform In the future you will have access to data on prem Roadmap with different app extensions – sci notebook, lab, formulations</p>
<p>Next-generation Materials Registration on 3DEXPERIENCE Platform Ton van Daelen, BIOVIA</p>	
<p>Image Analytics with Pipeline Pilot Nathan Rush, BIOVIA</p>	<p>Mostly use cases End user perspective We had this session at the CKO – it was really about their point of view Reg aspect, who is signing off of it we understand the process and how it can help the clinician What is the value prop? How ot operationalize,</p>
<p>Pipeline Pilot Roadmap Clement Nardari, BIOVIA</p>	<p>Start with use cases for PLP Talk about what new and what's coming What we have done within the last years, integration of AWS, on cloud, deep learning Whats new for 2024 and whats coming? Hybrid cloud integration Integration of LLMs No end of life – continuing thread</p>
<p>Python integration</p>	<p>The main msgin is you can have python developer who can apply these skills and deploy their codes, and components so they can integrate data pipelines Three different examples from the team Check with Larry on a Discoverant use case</p>