

5TH ANNUAL SUMMIT ON BIOPHARMACEUTICAL PRODUCT DEVELOPMENT

INDULGE, INNOVATE, INSPIRE.

JANUARY 30-31, 2025 | NOVOTEL DONA SYLVIA RESORT, GOA, INDIA

SCIENTIFIC AGENDA DAY 1: 30 JANUARY 2025

Time	Grand Ballroom	Time	Mobor Hall	Time	Betul Hall
06:00 – 07:00	Arrival and Biopharma Exhibition Setup				
07:00 – 08:30	Registration Breakfast and Networking Biopharma Exhibition Open and Poster set up				
08:45 – 09:45	Welcome Note and Inaugural Address Dr. Ratnesh Jain , Convenor, Biologics Conferences and Workshops Prof. A.B Pandit , VC, ICT Mumbai Dr. Narendra Chirmule , Scientific Advisor, Biologics Conferences and Workshops Dr. Dhananjay Patankar , Scientific Advisor, Biologics Conferences and Workshops Dr. Rajiv Desai , Senior Technical Advisor, Indian Pharmaceutical Alliance (IPA) Mr. G S Krishnan , President, Association of Biotechnology Led Enterprises (ABLE) Dr. Rajeev Raghuvanshi , DCGI, Central Drugs Standard Control Organisation (CDSCO) Dr. Rajesh S. Gokhale , Secretary, Department of Biotechnology (DBT)				
09:45 – 10:30	Fueling Innovation: Bringing Risk Capital to Propel Indian Startups to Clinical Success Dr. Ratnesh Jain , Convenor Dr. Rajesh S. Gokhale , Department of Biotechnology (DBT) Dr. Gautham Nadig , Mynvax Pvt Ltd Dr. Prem Pavor , Eight Roads Dr. Rahul Singhvi , Co-founder of National Resilience				
10:30 – 11:00	Plenary Address Catalyzing India's Biomanufacturing Revolution: Lessons from my Entrepreneurial Journey Dr. Rahul Singhvi Co-founder of National Resilience, Ex-CEO of Novavax, Ex-COO of Takeda Vaccines				
11:00 – 11:30	Biopharma Exhibition Inaugural Ceremony Coffee and Networking				
11:30 – 13:30	Regulatory Pathways and Policies for Biosimilars Dr. Annu Uppal , US Pharmacopeia	mRNA Technology: Concept, Execution, and the Path Forward Mr. Darshan Parekh , Biological-E	Cell Line Development: Driving Innovation from Engineering to Manufacturing Dr. Sanjeev Gupta , IPCA Laboratories		
11:30 – 12:00	Dr. Rajeev Raghuvanshi , CDSCO, India	11:30 – 11:50 Immunogen Design for Protein and mRNA Viral Vaccines , Dr. Raghavan Varadrajana , IISc-Bangalore	11:30 – 11:50 Next Generation Cell Engineering Technologies for Biomanufacturing, Ms. Amita Goel , Celltheon Corporation		
12:00 – 12:30	Regulatory Challenges Impacting Quality And Compliance in The Manufacture of Biologics and Biosimilars, Mr. Ian White , NSF, UK	11:50 – 12:10 mRNA platform Technology From Vaccines to Monoclonal Antibody Therapeutics, Dr. Sita Awasthi , University of Pennsylvania	11:50 – 12:10 Viral Safety Assurance of Bioproducts Manufactured Using Cell Lines, Dr. Manoj Kumar , DY Patil International University		
		12:10 – 12:30 Accelerating Next-Generation RNA Technology from Concept to Clinic, Dr. Harshal Zope , Orna Therapeutics	12:10 – 12:30 EnzeneX™ 2.0: Democratizing Access to Life-Saving Drugs, Dr. Arindam Chakraborty , Enzene Biosciences		
		12:30 – 12:50 Understanding The Structures of Positively Charged Lipids for Development of Lipid Based Nucleic Acid Therapeutics, Dr. Srujan Marepally , CMC Vellore	12:30 – 12:50 Dr. Janice Tan , Merck KGaA		
12:30 – 13:15	Panel Discussion Dr. Arlene Wolny , Biocon Biologics Dr. Samir Sangitrao , Zydus Group Dr. Pawan Singh , Kashiv Biosciences Mr. Prasun Guha , Dr. Reddy's Laboratories	12:50 – 13:30 Panel Discussion Dr. Maunish Barvalia , PopVax Dr. Swetha Raghavan , NCBS Ms. Keerthi R , Amar Biosystems Dr. Harshal Zope , Orna Therapeutics Dr. Praveen Agarwal , Genova Biopharmaceuticals	12:50 – 13:30 Panel Discussion Dr. Venkata Ramana , Reliance Life Sciences Dr. Sathish Sadagopan , Anthem Biosciences Ms. Amita Goel , Celltheon Corporation		
13:30 – 14:30	Lunch and Networking				
14:30 – 15:30	Catalyst Connect Hour	Catalyst Connect Hour	Catalyst Connect Hour		
15:30 – 17:30	Clinical Trials in Cell Therapy: Addressing Key Barriers and Opportunities Ahead Dr. Narendra Chirmule , SymphonyTech Biologics	Leveraging New Strategies for Upstream Process Prof. Pramod Wangikar , IIT-Bombay	Advanced Analytical Approaches in Biosimilar & Biologics Characterization Mr. Pradeep Iyer , Hetero Biopharma		
15:30 – 16:00	Dr. Akhil Kumar , Aurigene Oncology	16:00 – 16:20 High Cell Density Optimization Strategies For Continuous Bioprocesses Using Perfusion Bioreactors, Mr. Ravishankar Kasturi , Enzene Biosciences	15:30 – 16:00 Analytical Ultracentrifugation in Drug Development Under GxP, Dr. Klaus Richter , Coriolis Pharma Research		
16:00 – 16:30	First "Make in India" CAR-T Cell Therapy: from RnD to Clinic to Market, Dr. Rahul Purwar , IIT Bombay	16:20 – 16:40 Ms. Orjana Terova , Repligen	16:00 – 16:30 Shining a Light on Biologics Higher Order Structure: The CD and FTIR Perspective, Dr. Srishti Joshi , Mahindra University		
16:30 – 17:00	Revolutionizing Cancer Care Through Novel Cell Therapies, Dr. Lakshminath Gandikota , Immuneel Therapeutics	16:40 – 16:55 Dr. Jagadish Bennale , OmniBRx Biotechnologies Pvt Ltd	16:30 – 17:00 Characterization of mAb Structure and Dynamics Using Cutting-Edge Hydrogen-Deuterium Exchange Mass Spectrometry (HDX-MS), Dr. Rakesh Setty , Biocon Biologics		
			17:00 – 17:15 Mr. Prasanna Mahajan , Thermo Fisher Scientific		
			17:15 – 17:20 Mr. Nitish R. Suryawanshi , Shimadzu Analytical Pvt. Ltd.		
17:00 – 17:30	Panel Discussion Dr. Dinesh Kundu , East Ocyon Bio Dr. Gaurav Kharya , Cellogen Therapeutics Mr. Nitin Deshmukh , Kotak Equity Mr. Srinivas R , Kodo Lifescience	17:00 – 17:30 Panel Discussion Dr. Sunit Maity , Syngene International Limited Dr. Jaby Jacob , Bharat Serums and Vaccines Dr. Marianne Saldanha , Thermo Fisher Scientific	17:20 – 17:45 Panel Discussion Dr. Ravishankara MN , Sun Pharma Dr. Amarnath Chatterjee , Cipla Dr. Klaus Richter , Coriolis Pharma Research Dr. Srishti Joshi , Mahindra University Dr. Rakesh Setty , Biocon Biologics Ltd		
17:30 – 18:00	Coffee & Poster Presentation Evaluation-1				
18:00 – 19:30	Biopharmaceutical Product Journey: From Concept to Market Dr. Sridevi K , Shilpa Biologicals Pvt. Ltd.	Advanced Analytical Approaches: MAM and HCP Analysis of Biopharmaceutical Excellence Dr. Annu Uppal , Dr. Amarnath Chatterjee & Mr. Pradeep Iyer	Biopitch Session Dr. Narendra Chirmule , SymphonyTech Biologics		
18:00 – 18:15	Dr. Anuj Goel , Biocon Biologics Ltd	Dr. Jonathan Bones , NIBRT	Resem Biopharma Pvt. Ltd.		
18:15 – 18:30	Mr. Sanjiv Navangul , Bharat Serums and Vaccines	Dr. Sara Carillo , NIBRT	Crisprbits private limited		
18:30 – 18:45	Dr. Prabuddha Kundu , Premas Technologies Inc	Dr. Kelly Broster , Thermo Fisher Scientific	Clarity Bio Systems India Pvt. Ltd.		
18:45 – 19:00	Mr. Atin Tomar , Yapan Bio	Dr. Nandakumar Sundaramoorthy , Onesource	ImmunitasBio Private Limited		
19:00 – 19:15	Dr. Cyrus Karkaria , Lupin	Dr. Rajendar Burki , Biological-E Limited	Descign AI		
		Dr. Vadiraja Bhat , Agilent	Serendipity Space		
		Dr. Rakesh Setty , Biocon Biologics	Molecular Missions		
		Dr. Sameer Kumar , USP	Kodo Lifescience		
		Dr. Sudeep Sabde , USP	Sciqollab		
		Dr. Sameer Majethia , IPCA	Edna Biolabs Private Limited		
			LunarTree		
17:15 – 18:00	Closing of Day 1				

Biopharma Exhibition & B2B Meetings

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SCIENTIFIC AGENDA DAY 2: 31 JANUARY 2025

Time	Grand Ballroom	Time	Mobor Hall	Time	Betul Hall
07:30 – 08:30	Registration Breakfast and Networking				
08:00 – 08:30	Poster Presentation Evaluation-2				
08:30 – 09:00	Change Makers Address Disrupting Traditional Biomanufacturing with EnzeneX™: Leveraging Fully-Connected Continuous Manufacturing™ (FCCM™) Technology to Achieve mAb Production Under \$40 per Gram				
	Dr. Himanshu Gadgil, Chief Executive Officer, Enzene Biosciences Ltd				
09:00 – 11:00	Mass Spectrometry Approaches for Characterizing Biologics & Biosimilars		Navigating the Complexities of the Downstream Process		Emerging Dimensions in Biologics
	Dr. Sumit Singh, IIT BHU		Dr. Rahul Bhambure, CSIR-NCL		Dr. Parthasarathy Sampath Kumar, Biocon Group
09:00 – 09:30	Microheterogeneity Assessment of Biopharmaceuticals using the Orbitrap Ascend Biopharma Edition Mass Spectrometer, Dr. Jonathan Bones, NIBRT	09:00 – 09:20	Development of A Downstream Purification Process for Adeno-Associated Virus (AAV) Production in Gene Therapy Applications, Dr. Saurav Datta, KECK Graduate Institute	09:00 – 09:30	Biologics Platforms for Selective Modulation of the Disease-Relevant T Cell Repertoire, Dr. Anish Suri, CueBiopharma
09:30 – 09:50	Dr. Anita Krishnan, Biocon Biologics	09:20 – 09:40	Dr. Sandeep Hadpe, Lonza	09:30 – 09:50	Application of Platform Technology for Rapid Discovery of Novel Human Monoclonal Antibodies as Pandemic/Epidemic Readiness, Dr. Jayanta Bhattacharya, THSTI
09:50 – 10:10	Multi-Attribute Method (MAM) Outside the QC lab: from Early Phases to Biosimilarity Assessment, Dr. Sara Carillo, NIBRT	09:40 – 10:00	Advancement in Mab Purification Platform in Response to High Productivity Cell Culture Process, Dr. Dharmesh Kanani, Teva Pharmaceuticals	09:50 – 10:10	Development Of Biologic Inhibitor for Therapeutic Usage, Dr. Manjula Das, MSMF
10:10 – 10:30	Best Practices and Tools to Support Consistency of Host Cell Protein Analysis by Mass Spectrometry, Dr. Sameer Kumar, US Pharmacopeia	10:00 – 10:10	Mr. Floris Hooijenga, Repligen		
10:30 – 11:00	Panel Discussion	10:10 – 10:40	Panel Discussion	10:10 – 10:40	Panel Discussion (Advancements in Biologics: Shaping the Future of Veterinary Care)
	Dr. Kelly Broster, Thermo Fisher Scientific		Dr. Sanjay Tiwari, Lupin		Dr. Anurag Sood, Zoetis
	Dr. Sameer Majethia, IPCA		Mr. Shital Jain, Serum Institute India Pvt Ltd		Dr. Vyas M. Shingatgeri, Apeejay Stya University
	Mr. Nitish R. Suryawanshi, Shimadzu Analytical Pvt Ltd		Dr. Huzaifa Choonia, OneSource		
			Ms. Anindita Das, Kemwell Biopharma		
11:00 – 11:30	Coffee Break & Networking Poster Presentation Evaluation-2 (continued)				
11:30 – 13:30	Advancing Gene Therapy and Editing: Current Progress and Future Directions		Integrating AI and ML into Bioprocessing Workflows: From Data to Decisions		Advancing Reliable Cell-Based Assays for Vaccines and Biotherapeutics Evaluation
	Dr. Narendra Chirmule, SymphonyTech Biologics		Dr. Shilpa Nargund, Independent Consultant		Dr. Nimesh Gupta, NII
11:30 – 12:00	Gene Therapies: Making These Promising Treatments Affordable and Accessible, Prof. Roger Hajjar, Mass General Brigham	11:30 – 11:50	Dr. Anurag Rathore, IIT-Delhi	11:30 – 11:50	The Effective Measurement of the Functional Properties of Novel Biologic-Based Drugs Using Cell-Based Assays, Dr. Dan Mamelak, Custom Biologics
12:00 – 12:20	Indigenous CRISPR-Cas9 Tools: Advancing Gene Therapy Through Precision and Insight, Dr. Souvik Maiti, CSIR-IGIB	11:50 – 12:10	Data Driven and Model Driven Approaches for Advancing CHO Cell Based Biopharmaceutical Manufacturing, Dr. Meiyappan Lakshmanan, IIT-Madras	11:50 – 12:10	Potency Development for Cell & Gene Therapy Products, Dr. Debaditya Bhattacharya, ElevateBio
12:20 – 12:40	Dr. Arkasubhra Ghosh, Narayana Nethralaya Eye Hospital	12:10 – 12:30	Case Studies of AI & Deep Science Convergence In Mab, Mrna, and Gene Therapy Synthesis, Mr. Prasad Chodavarapu, Aganitha	12:10 – 12:30	Virus Testing for CGT – How to Adopt FDA Guideline on Replication Competent Lentivirus Testing, Dr. Claudia Lin, Pharmatech Associates
12:40 – 12:50	Dr. Dhananjay Nawandar, VJ Bioscience	12:30 – 12:50	Multimomics and ML for Development of Advanced Bioprocess Products and Solutions, Dr. Yaron Silberberg, Ajinomoto		
12:50 – 13:30	Panel Discussion	12:50 – 13:30	Panel Discussion	12:30 – 13:00	Panel Discussion
	Dr. Arkasubhra Ghosh, Narayana Nethralaya Eye Hospital		Dr. Mandar Ghatnekar, Biocon Biologics		Dr. Reshmi Nair, Syngene International Limited
	Dr. Dipankar Das, US Pharmacopeia		Mr. Hanish Lakhani, Merck Life Science		Dr. Dan Mamelak, Custom Biologics
	Dr. Chandramowli Ganesh, Tranalab Pvt. Ltd.		Dr. Anurag Rathore, IIT-Delhi		Dr. Debaditya Bhattacharya, ElevateBio
	Mr. Dhaval Trivedi, Syngene International Limited		Dr. Meiyappan Lakshmanan, IIT-Madras		Dr. Claudia Lin, Pharmatech Associates
13:00 – 14:30	Lunch & Networking Exhibition Round				
14:30 – 16:00	Exploring Novel Biotherapeutics for Addressing Global Health Challenges		NMR as a Tool for Structural Analysis of Biotherapeutics		Optimizing Cost of Goods Sold (COGS) in Antibody Production: Strategies Across Geographic and Regulatory Landscape
	Dr. Jayashree Aiyar, Syngene International Limited		Dr. Ashutosh Kumar, IIT Bombay		Dr. Dhananjay Patankar, Ex-VP of Syngene International Limited
14:30 – 15:00	Future of Genetic Medicines: Pathways for Innovation, Collaboration, and Global Health, Dr. Hari Pujar, Tessera Therapeutics	14:30 – 14:50	Guiding Biopharmaceutical Development: NMR-Based Higher-Order Structure Insights From Peptides to monoclonal antibodies, Dr. Subrata Mishra, National Institute of Standards and Technology		Dr. Anurag Rathore, IIT-Delhi
15:00 – 15:20	PolyBodies: The Next Frontier in Biopharmaceuticals, Prof. Abhay Pande, NIPER-Mohali	14:50 – 15:10	Scope and Validity of High-Resolution Solution Nmr For Assessing Structure-Function Aspects of Protein-Biotherapeutics, Dr. Subhabrata Majumder, SAHA Institute of Nuclear Physics		Prof. E. K. Lee, Hanyang University-ERICA
15:20 – 15:40	Advancements in Bispecific Antibodies and Multifunctional Biologic Therapeutics, Dr. Pradip Nair, Syngene International Limited	15:10 – 15:30	Solution NMR Spectroscopy Methods for Characterization of Peptide Therapeutics, Dr. Aswani K, Natco Pharma		Dr. Henrik Ihre, Cytiva
15:40 – 16:00	Next Generation ADC and Bispecific Antibodies, Dr. Saurabh Joshi, SPARC				Ms. Priyanka Gupta, Sartorius
		15:30 – 16:00	Panel Discussion		Participants:
			Dr. Navratna Vajpai, Biocon Biologics		Dr. Rajeshwari Adhisheshan, Bill & Melinda Gates Foundation
			Dr. Subrata Mishra, National Institute of Standards and Technology		Mr. Manish Sharma, OneSource
			Dr. Subhabrata Majumder, SAHA Institute of Nuclear Physics		Mr. Sanjay Lodha, Kemwell Biopharma Pvt. Ltd
			Dr. Aswani K, Natco Pharma		Dr. Sanjeev Gupta, IPCA Laboratories
					Ms. Orjana Terova, Repligen
					Mr. Dhaval Trivedi, Syngene International Limited
					Dr. Mandar Ghatnekar, Biocon Biologics
					Prof. Samir Kulkarni, ICT Mumbai
					Dr. Jaby Jacob, Bharat Serums and Vaccines
					Mr. Sanjay Shah, XenPharm
					Ms. Hina Ansari, USP
					Ms. Amita Goel, Celltheon Corporation
					Mr. Ravishankar Kasturi, Enzene Biosciences
					Dr. Sridevi K, Shilpa Biologicals Pvt. Ltd.
					Dr. Sumathi Rao, GSK
					Dr. Sanjay Bandyopadhyay, Zydus Group
16:00 – 17:30	Addressing Key Bottlenecks in the Biomanufacturing		Understanding Approaches to Vaccine Development: Strategies for Global Impact		
	Dr. Sanjay Singh, Genova Biopharmaceuticals		Dr. Ravi Mishra, CSIR-ImTech		
16:00 – 16:20	Manufacturing Plasma Derived Medicinal Products (PDMPs): Challenges and Opportunities, Dr. Ranjeet Ajmani, Aegros Asia	16:00 – 16:30	Saving Lives of Thousands of Infants and Children from Streptococcus Pneumoniae: Innovation, Science and Strategy Used in Development of the 14 valent Pneumococcal Conjugate Vaccine (PCV14) PNEUBEVAX 14TM, Dr. Ramesh Matur, Biological-E		
16:20 – 16:40	Recent trends in Highly Automated Biopharmaceutical manufacturing Mr. Chetan Srinivas Rao, Biogen	16:30 – 16:50	Development Challenges and Data-Driven Decision-Making Approach to Conjugate Vaccine Development and Manufacturing, Dr. Swapna Jana, Serum Institute of India Pvt Ltd		
		16:50 – 17:10	Design and Development of Novel Seasonal and Broadly Protective Influenza Vaccines, Dr. Chakshumathi Ghadiyaram, Myrvax Pvt Ltd		
16:40 – 17:10	Panel Discussion	17:10 – 17:30	Panel Discussion		
	Dr. John Moys, Repligen		Dr. Rubina Bose, CDSCO		
	Dr. Sandip Kadam, Thermo Fisher Scientific		Dr. Ramesh Matur, Biological-E		
	Dr. Ranjeet Ajmani, Aegros Asia		Dr. Swapna Jana, Serum Institute of India Pvt Ltd		
	Mr. Chetan Srinivas Rao, Biogen		Dr. Chakshumathi Ghadiyaram, Myrvax Pvt Ltd		
17:15 Onwards	Poster and Biopharma Exhibition Awards and Closing Ceremony				

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ANNEXURE

EXCLUSIVE INVITE-ONLY SESSION

SCIENTIFIC AGENDA DAY 1 | 30 JANUARY 2025 | K&K HALL

14:30 – 15:30	Empowering India's CDMO Ecosystem: Talent and Innovation for Global Competitiveness
	Dr. Dhananjay Patankar , Ex-VP of Syngene International Limited
	Mr. Himanshu Saxena , Syngene International Limited
	Mr. Akhil Ravi , Aurigene Pharmaceutical Services Ltd
	Dr. Subodh Deshmukh , Aragen Biosciences Inc.
	Mr. Sanjay Lodha , Kemwell Biopharma
	Dr. Prem Pavor , Eight Roads
	Mr. Aditya Sharma , Merck Lifescience
	Mr. Krishna Chandran , Sartorius
	Dr. Jayanta Bhattacharya , THSTI
	Prof. A.B Pandit , ICT, Mumbai
	Dr. Souvik Maiti , CSIR-IGIB

SCIENTIFIC AGENDA DAY 2 | 31 JANUARY 2025 | K&K HALL

11:30 – 13:30	Shaping the Future of CDMOs in India: Fostering Global Collaborations
	Dr. Mahesh Bhalgat , Veeda Lifescience
	Dr. Sridevi K , Shilpa Biologicals Pvt. Ltd.
	Mr. Manish Sanghai , Thermo Fisher Scientific
	Dr. Subodh Deshmukh , Aragen Biosciences Inc.
	Mr. Ashish Venkataramani , Eight Roads
	Mr. Nitin Deshmukh , Kotak Equity
	Dr. Rajiv Desai , IPA
	Ms. Sireesha Yadlapalli , PharmaTech Associates
	Dr. Brajesh Barse , USIBC
	Mr. Atin Tomar , YapanBio

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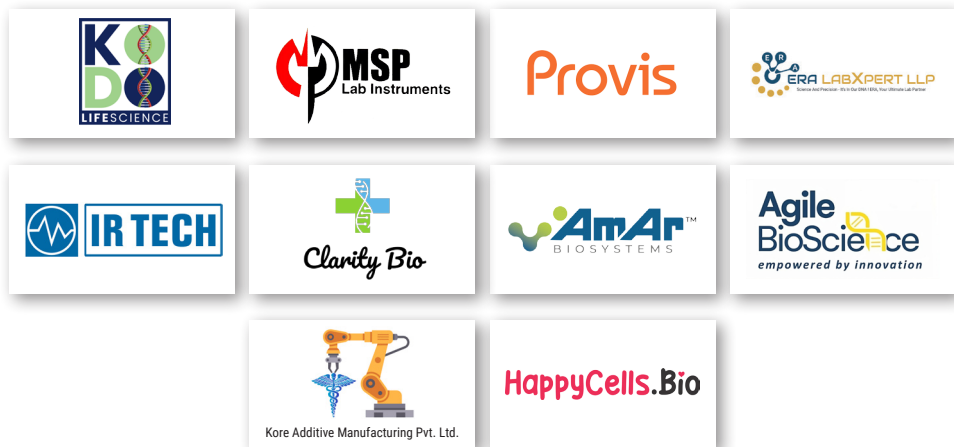
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