

6th Annual Summit on Biopharmaceutical Product Development

in conjunction with

3rd Edition of the International Conference on Advances in 3D Cell Culture

📅 January 22nd & 23rd, 2026 | 📍 Novotel Dona Sylvia Resort, Goa

Inaugural Ceremony

DAY 1: 22ND JANUARY 2026 | THURSDAY

Time (IST)	Grand Ballroom 1
07:00 – 08:00	Registration & Breakfast Poster Set-up Exhibition Hall Set-up
08:00 – 08:05	Lamp Lighting Ceremony Dr. (Mrs.) N. Kalaiselvi , Director General, CSIR Shri. Satyaprakash T L , Joint Secretary (PSU, Pharmaceutical Policy, PMBJP), Dept of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Gol Dr. Shivkumar Kalyanaraman , CEO, Anusandhan National Research Foundation, DST, Gol Dr. Jitendra Kumar , Managing Director, Biotechnology Industry Research Assistance Council (BIRAC), DBT, Gol Prof A. B. Pandit , VC, ICT, Mumbai Dr. Ratnesh Jain , Founder & Managing Director, Mumbai Biocluster Dr. Prajakta Dandekar Jain , Convener, 3D Cell Culture Conferences & Workshops
08:05 – 08:12	Opening Remarks Prof A.B. Pandit , Vice Chancellor, ICT, Mumbai Dr. Ratnesh Jain , Founder & Managing Director, Mumbai Biocluster Dr. Prajakta Dandekar Jain , Convener, 3D Cell Culture Conferences & Workshops Ms. Ashwini Patil , Chief Scientific Program Officer, Mumbai Biocluster
08:15 – 08:30	Chief Guest Address: Dr. (Mrs.) N. Kalaiselvi , Director General, CSIR
08:40 – 08:47	Make in India Excellence Awards
08:47 – 08:50	Young Leaders Program Felicitations
08:50 – 09:35	Plenary Panel: India's Path to Biopharmaceutical Leadership: Strengthening National Capacity Shri. Satyaprakash T L , Joint Secretary (PSU, Pharmaceutical Policy, PMBJP), Dept of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Govt of India Dr. Shivkumar Kalyanaraman , CEO, ANRF, DST, Govt of India Dr. Jitendra Kumar , Managing Director, Biotechnology Industry Research Assistance Council (BIRAC), DBT, Gol Dr. Alka Sharma , Additional Director General, Indian Council of Medical Research Mr. Sudarshan Jain , Secretary General, Indian Pharmaceutical Alliance (IPA) Mr. Abhishek Yadav , Managing Director, Quadria Capital
09:35 - 10:20	Plenary Address: "Subcutaneous Delivery of Biologics: Predicting Bioavailability through 3D Microphysiological Systems and Technologies for Improving it" Prof Samir Mitragotri , Hiller Professor of Bioengineering, Harvard University 📺
10:30 – 11:30	Exhibition Inauguration Coffee & Networking Catalyst Connect Hour 1 Poster Evaluation



3rd Edition Of The International Conference On ADVANCES IN 3D CELL CULTURE

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DAY 1: 22ND JANUARY 2026 | THURSDAY

Time (IST)	GRAND BALLROOM HALL 2
07:00 – 08:00	Registration & Breakfast Poster Set-up Exhibition Hall Set-up
08:00 – 10:30	Inaugural Ceremony

10:30 – 11:30	Exhibition Inauguration Coffee & Networking Catalyst Connect Poster Evaluation
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Time (IST)	GRAND BALLROOM HALL 2
11:30 - 1:45	Breakthroughs in Organ-on-Chip Technology & Microfluidics Session Chair: Dr. Amit Asthana , Professor, Department of Medical Devices, NIPER Hyderabad
📺 11:30 – 12:30	Regulatory acceptance of human-on-a-chip systems for efficacy and safety Dr. James Hickman , Chief Scientist, Hesperos Inc. & Professor, NanoScience Technology Center, University of Central Florida
12:30 – 01:00	Organ-on-Chip platforms: Where do we stand and how does the future look like? Dr. Carlo Alberto Paggi , Co-Founder, Chiron
01:00 – 01:45	Panel Discussion: Integrating Organ-on-Chip Platforms into the Drug Development Continuum: Redefining Predictive Safety and Efficacy Prof. Abhijit Majumder , Professor, Department of Chemical Engineering, IIT Bombay Dr. Shridhar Narayanan , Sr. Technical Advisor - Innovation, IPA & Director, CEO & Chairman of Board- Foundation for Neglected Disease Research Dr. Nikhil Jain , Associate Director - Discovery, Strategy & Business Development, Sai Life Sciences Ltd. Dr. Carlo Alberto Paggi , Co-Founder, Chiron

01:45 – 02:45	Lunch & Networking Catalyst Connect Poster Evaluation
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02:45 – 04:00	Navigating the Regulatory Pathways & Policies for NAMs Chair: Dr. Clive Roper , Director, Roper Toxicology Consulting Ltd.
📺 02:45 - 03:20	Addressing the Challenges of Translating In Vitro Biotechnologies Towards Regulatory and Commercial Applications – A European Perspective Dr. Maurice Whelan , Head of Chemical Safety and Alternative Methods Unit, European Commission - Joint Research Centre
03:20 - 04:00	Panel Discussion: Global Synergy in Regulatory Science: Harmonizing NAMs for Emerging Biotherapeutics Dr. Maurice Whelan , Head of Chemical Safety and Alternative Methods Unit, European Commission - Joint Research Centre Dr. Annam Visala , Joint Drugs Controller (India), CDSCO Prof. Thomas Hartung , Professor, Dept of Environmental Health & Engg, John Hopkins Bloomberg School of Public Health Dr. Charu Chandrasekera , Founder & Executive Director, Canadian Institute for Animal-Free Science

04:00 – 04:45	Coffee & Networking Catalyst Connect Poster Evaluation
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04:45 - 06:40	3D Bioprinting & Biofabrication Driven Approaches Chair: Dr. Anil Kumar P. R. , Scientist G, Sree Chitra Tirunal Institute for Medical Sciences & Technology, Kerala
04:45 - 05:15	3D-Bioprinting Meets Microfluidics – Biomimetic and Biosynthetic Approaches Towards Vascularized Organ-on-a-Chip Systems Prof. Andreas Blaeser , Head of the Department of BioMedical Printing Technology, Technische Universität Darmstadt
05:15 - 05:35	3D Bioprinted Human Organs, Tissues & Disease Models: The Way Forward in Healthcare Prof. Biman Mandal , Professor, Department of Biosciences and Bioengg, IIT Guwahati
05:35 - 06:00	From Models to Mandates: 3D Cell Culture, Redefining Human Biology, and Reframing Regulatory Acceptance Dr. Charu Chandrasekera , Founder & Executive Director, Canadian Institute for Animal-Free Science
06:00 - 06:40	Panel Discussion: Translating 3D Bioprinting into Industries and Clinics: Engineering, Scalability, and Standardization Challenges Dr. Kaushik Chatterjee , Professor, Dept of Materials Engg & Bioengineering, IISc Bangalore Mr. Piyush Padmanabhan , CEO, Founder & Director, Next Big Innovations Lab Prof. Biman Mandal , Professor, Department of Biosciences and Bioengineering, IIT Guwahati Prof. Andreas Blaeser , Head of the Department of BioMedical Printing Technology, Technische Universität Darmstadt

END DAY 1

*Subject to Modification



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DAY 2: 23RD JANUARY 2026 | FRIDAY

Time (IST)	GBR Lawn & PFA
07:30 - 08:30	Breakfast Poster Evaluation

08:45 - 09:30	Keynote Address: New Approach Methods in Regulatory Science: Charting the Path for Human-Relevant Models 📄 Prof. Thomas Hartung , Professor of Molecular Microbiology & Immunology, Johns Hopkins Bloomberg School of Public Health
09:30 - 09:35	AXTEX-4D Platform Dr. Nupur Mehrotra , Co-founder and Director of Operations, Premas biotech
09:40 - 09:50	Oral Presentation: Evaluation of the MASH liver-on-a-chip model for drug testing application Roopesh R Pai , Principal Scientist, Dr. D.Y. Patil Vidyapeeth
09:50 - 10:00	Oral Presentation: NR4A1 as a novel Tumour Suppressor in Gallbladder Cancer: Loss Promotes Metastasis, EMT, and Chemoresistance in Patient-Derived Organoid and Spheroid Models Dr Subhradip Karmakar , Professor, AIIMS Delhi

10:00 - 10:45	Coffee & Networking Catalyst Connect Hour Poster Evaluation
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Time (IST)	GRAND BALLROOM HALL 2
10:45 - 12:45	Addressing Key Bottlenecks in Spheroid & Organoid Development Chair: Prof. Abhijit Majumder , Professor, Department of Chemical Engineering, IIT Bombay
10:45 - 11:15	Predicting Real-World Drug Response with LifeGel-Based 3D Tumoroid Models. Dr. Marcin Krzykawski , CEO & Co-Founder, Real Research
11:15 - 11:35	Driving Translational Innovation in India by Building Human-Relevant iPSC Models Dr. Amit Khanna , Head Integrated Drug Discovery & Development, Yashraj Biotechnology Lt
11:35 - 11:55	Liver Organoids in Disease Modeling & Therapies for Liver Repair Dr. Savneet Kaur , Associate Professor, Institute of Liver & Biliary Sciences
11:55 - 12:45	Panel Discussion: From Bench to Biomimicry: How Patient-Derived Organoids are shaping Next-Generation Drug Discovery and Validation? Dr. Suresh Poosala , Founder and President, Oncoseek Bio Pvt. Ltd Dr. Kasinath Vishwanathan , Head In Vitro Biology, Zydus Research Centre Dr. Subhadeep Roy , Assistant Professor, Birla Institute of Technology, Mesra Dr. Indumathi Mariappan , Associate Professor, Scientist-F , BRIC-InSTEM, Bangalore Dr. Ambica Baru , Senior Research Scientist, Premas Biotech

12:45 - 02:30	Lunch & Networking Catalyst Connect Hour Poster Evaluation Round 3
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02:30 - 02:40	Oral Presentation: Self-Filling Microfluidic Chip for Perfused 3D Cultures Chandantaru Dey Modak , Marie Curie Postdoctoral Research Fellow, ESPCI PSL University Paris France
02:40 - 02:50	Oral Presentation: Bioactive AC-EPD Coatings on Mg Alloys for Bone Regeneration Manisha Behera , Researcher, Université de Lille, France
02:50 - 03:00	Oral Presentation: Engineering ECM-inspired hydrogel scaffold for next-generation 3D tumor models Ms. Unnati Modi , Assistant Professor, Institute of Advanced Research, Gandhinagar, Gujarat

03:00 - 05:00	Advances in AI/ML for 3D Cell Culture & the Road Ahead Chair: Dr. Narendra Chirmule , CEO, Director & Co-Founder, Symphony Tech
03:00 - 03:30	AI-Powered Translational Models: Accelerating NAMs for Biologics and Drug Development Dr. Jo Varshney , Founder and CEO, VeriSIM Life, Inc.
03:30 - 03:50	Linking Human-Relevant NAMs to Manufacturability: In-Silico Bridges from Advanced Models to Scalable Processes Dr. Bikash Chatterjee , CSO, Pharma Tech Associates
03:50 - 04:10	Roundtripping Organoid Research with Agentic AI Mr. Krishna Harsha Adusumilli , Business Solutions Manager, Aganitha Cognitive Solutions
04:10 - 05:00	Panel Discussion: AI integrated NAMs for Accelerating Predictive Modelling, Data Integration, and Decision-Making in Drug Development Dr. Jo Varshney , Founder and CEO, VeriSIM Life, Inc. Dr. Bikash Chatterjee , CSO, Pharma Tech Associates Dr. Swadha Anand , Principal Scientist, TCS Research Mr. Krishna Harsha Adusumilli , Business Solutions Manager, Aganitha Cognitive Solutions

06:00 - 06:30	Closing Ceremony - Grand Ballroom 1
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3rd Edition Of The International Conference On ADVANCES IN 3D CELL CULTURE

January 22nd & 23rd, 2026 | Novotel Dona Sylvia Resort, Goa

DAY 1: 22ND JANUARY 2026 | THURSDAY

This first-of-its-kind session brings together clinicians, CRO leaders, academicians, and industry leaders to chart a roadmap for the commercialization and large-scale deployment of New Approach Methodologies (NAMs): including organoids, complex in-vitro models, and Organ-on-Chip technologies in preclinical research.

The discussion will explore critical enablers such as patient-derived biobanks, supply chains for cell lines and matrices, business models and demand trends, and the readiness of infrastructure to support scalable, high-throughput studies. By blending scientific, operational, and commercial perspectives, the session aims to define actionable strategies for integrating NAMs into mainstream drug development pipelines.

Time (IST)	K&K HALL
04:30 - 06:30	Roundtable 2: Bridging Innovation and Market: Perspectives of Global-Standard CRO Ecosystems towards adopting NAMs in Drug Development Pipeline
	Co-Chair: Dr. Chandrashekar Siddamadappa , Chairman and Managing Director, Vipragen Biosciences Pvt Ltd.
	Dr. Nikhil Jain , Associate Director - Discovery, Strategy & Business Development, Sai Lifesciences Ltd.
	Dr. Venkatesha Udupa , Senior VP and Head - Toxicology, Ichnos Glenmark Innovation
	Dr Shridhar Narayanan , Sr. Technical Advisor - Innovation, IPA & Director, CEO & Chairman of Board- Foundation for Neglected Disease Research
	Dr. Ambica Baru , Senior Research Scientist, Premas Biotech
	Dr. Kasinath Viswanathan , Head, Centre for Molecular Biology, Zydus Microbial Therapeutics & Center for Biophysics, Zydus Research Centre
	Dr. Anula Singh , Senior Scientist, Sapien Biosciences
	Dr. Jeevan Ghosalkar , Director, Cipla
	Dr. James Hickman , Chief Scientist, Hesperos Inc. & Professor, NanoScience Technology Center, University of Central Florida

DAY 2: 23RD JANUARY 2026 | FRIDAY

This high-level policy discussion will bring together representatives from DBT, DST, ANRF, ICMR, and BIRAC to explore how coordinated funding and regulatory frameworks can accelerate the adoption of New Approach Methodologies (NAMs) within India's biologics R&D ecosystem. By aligning scientific innovation with supportive policy and investment mechanisms, the session aims to define actionable strategies for integrating human-relevant models into predictive efficacy, safety assessment, and regulatory decision-making, advancing India's leadership in next-generation biologics development.

Time (IST)	K&K HALL
01:30 - 3:30	Roundtable 3: Driving Innovation through Policy Synergy: Aligning NAMs, Funding, and Regulatory Pathways in Biologics Development
	Co-Chair: Dr. Surat Parvatam , Senior Strategist, Reseach and Regulatory Science, Humane World for Animals India
	Co-Chair: Dr. Kasturi Mahadik , Chief Manager, CPHMS, CCMB
	Dr. Alka Sharma , Additional Director General, Indian Council of Medical Research
	Dr. Kalaivani Ganesan , Scientist F, Department of Biotechnology, Gol
	Mr. Nitin Deshmukh , Senior Advisor, Kotak Alternate Assets Managers Limited
	Mr. Suraj Nair , Assistant Vice President, Deep Science, Deep Tech, Ankur Capital
	Dr Ankur Mutreja , Director of External Affairs and Health Security, PATH

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