

**25-26 November 2025** RH.N32 (RHBHall),IEML, Greater Noida

## Redefining the Future of Pharma:

Pharma Manufacturing Conclave

Pharma
Sustainability
Conclave



### Pharma Manufacturing Conclave

25 November 2025 | IEML, Greater Noida

India, consideredas pharmacy of the world, is the largest provider of generic drugs globally. It ranks 3rd in terms of pharmaceutical production by volume and 14th by value. India's pharma and biopharma sector is experiencing explosive growth, projected to reach a staggering \$130 billion by 2030. This surge is fueled by a large, demanding domestic market, a robust manufacturing base churning out generics, and India's position as a global vaccine powerhouse, supplying over 60% of the world's needs. The biosimilar market is another area of strength, currently valued at \$349 million and expected to skyrocket to \$2.1 billion by 2030, potentially making India a leader in this biosimilar revolution. With government support and rising healthcare expenditure further propelling the sector, India is poised to become a dominant force in the global pharmaceutical landscape. The Pharma Manufacturing India Conclave 2025 is curated to address critical discussions on the theme India as Global Leader in the pharma space with focus on manufacturing. Decision-makers from manufacturers, academics, industry associations, contract manufacturing organisations and other key stakeholders gather under one roof to brainstorm on navigating the challenges and discuss the road ahead. The program will discuss smart manufacturing for all, innovation required in pharma R&D, how to go up in the innovation curve, attracting the required skill set, and much more



### Pharma Sustainability Conclave

26 November 2025 | IEML, Greater Noida

India's life sciencesand pharmaceutical industry is experiencing a remarkable growth spurt. India's prowess in generic drug manufacturing has earned it the global moniker of "pharmacy of the world," with a commanding 20% share of the global generic drug supply by volume, highlighting its vital role in providing accessible medications. According to Economic Survey 2022-23, India is ranked 3rd worldwide in the production of pharma products by volume and 14th by value. India is slowly progressing in the biopharma manufacturing space also. There are 98 approved biosimilars in India, with at least 50 on the market, the most of any country in the world. Indian companies are taking multiple steps to strengthen their core competencies in the field of R&D, manufacturing, quality system, etc., comply with stringent regulatory requirements and build the sales capabilities to tap into the huge market potential. However, this impressive growth comes with a responsibility to operate sustainably and minimise environmental footprint. We have already made a start and almost 38 per cent of the pharma sector companies have been publishing dedicated sustainability reports since 2020. Indian Companies have secured their place in global indices like S&P Global Index and are a part of GLN, My Green Lab to mention some. The Pharma Sustainability Conclave 2025 is the only forum that looks at exploring the key sustainability challenges faced by the pharma and biopharma industry, analyze effective strategies for reducing its environmental footprint, and unveiling the exciting opportunities that lie ahead for a greener future of Indian pharmaceuticals.



### Industry Representation

Pharma and Biopharma

Academic Institutes

Regulatory

Associations

### Who will Attend Pharma Manufacturing Conclave

#### **Departments:**

R&D

**Process Development** 

**Upstream Processing** 

Downstream Processing/MSAT

**Analytics** 

Technical

Manufacturing/Production

Regulatory

**Quality Assurance** 

**Quality Control** 

Digital / Technology

**Supply Chain** 

### Who will Attend Pharma Sustainability Conclave

#### **Departments:**

Sustainability / EHS

Formulation Development/ R&D

Manufacturing Operations

**Packaging Development** 

**Supply Chain Management** 

Quality Assurance & Compliance



### **Keynote Speaker**



**Dr. Chandrashekhar Ranga**Joint Drugs Controller (India) - CDSCO **GovernmentofIndia** 

### **Speakers**



Chakravarthi AVPS Chairman FOPE (TG & AP)



Rajinder Suri CEO DCVMN International, Switzerland



Prof. (Dr.) Tanweer Alam Additional Director & RO Indian Institute of Packaging, Delhi, Incharge-IIP Lucknow



Dr. Jitendra Kumar Managing Director - BIRAC-Department of Biotechnology Government of India



Dr. Mandar Ghatnekar Global Headl/T & Digital Transformation Biocon Biologics



Dr. Parthasarathy Sampathkumar Head- BioconGroup Centre of Excellence Biocon Group



**Dr. Umesh Kale** Chief Quality Officer **Strides** 



Sandeep Raktate
President – India and
Ireland Operations
Amneal
Pharmaceutical



Duncan Flack Global Sustainability Lead Solstice Advanced Materials



ShirishArya Co-Founder & Director-Corporate Strategy &Business Development ImmunoACT



Tarun Kapoor Senior VicePresident – IT (CIO) Akums Pharma Group



Dr. Jitendra Kumar Jain VP- Qualtiy Amneal Pharmaceuticals



### **Speakers**



Dr. Sridevi Khambhampaty Chief Executive Officer Shilpa Biologicals Pvt. Ltd.



Dr. Sangeeta Sharma Professor & Head Dept. of Neuropsychopharmacology IHBAS, DelhiPresident DSPRUD



Bharadwaj Magnu Business Head, Rare Diseases Laurus Labs



Prasanna Shirol Co-founder& Executive Director Organization for Rare Diseases India



AV Jayakumar President- Quality Ajanta Pharma Ltd



PV Raju Senior VicePresident-Supply Chain Biological E Limited



Dr. Rita Sarin Advisor &Subject Matter Expert-Intellectual Property Pharmaceutical Industry



Narendra Saini Chief Digital& Data Officer Lupin



Jigyasa Kishore Vice President – National Enterprise Sales & Solutions Moglix



Manoj Chitnis Vice President -Corporate Quality Head JB Chemicals & Pharmaceuticals



Irene Frisby Founder and Managing Director Frisby Quality Services (FQS)



Siva Prasad Reddy Product Manager Owen Mumford, United Kingdom



Pavankumar R Gudi Manager- Viral Vaccines SerumInstituteof India



Anirban Mukherjee Partner Advisory Services Ernst & Young



Hari Rachamala TAMManager-APAC Stevanato Group



Deval Gupta Lead- Drug Delivery Devices Dr. Reddy's Laboratories Ltd.



Amarnath Paluru Senior Director -EHS & Sustainability Biocon Limited



Krutarth Mankad Head – Supply Chain Management Otsuka Pharmaceutical India Pvt. Ltd



## **Speakers**



Venkatnarayan V VicePresident & Digital Transformation Leader Dr. Reddy's Laboratories Ltd.



Bhupesh Mittal Technical Packaging Program Lead – APAC Bayer Consumer Healthcare



Agnès Maignien Content Director-Pharmo InformaMarkets



Laura Castanheira DirectorofRegulatory Affairs Cedro Participacoes



Dr. Kishor Mogulluru Associate Director-Global External Affairs IUS Pharmacopeia



Ravikumar Ummadisingu ManagingDirector Gerresheimer Triveni Polymers Pvt. Ltd. (PPP India)



## 25th & 26th2025November,RH.N32 (RHBHall)-IndiaExpo Centre, Delhi NCR, India

Day 1- 25th November 2025, Tuesday

08:00 – 10:00	Registration & Networking			
10:00 – 11:15	Welcome Address & Inauguration			
11:15 – 11:35	Keynote Address: Harmonising Global Regulatory for Sustainable Healthcare			
	Dr. Chandrashekhar Ranga, Joint Drugs Controller (India) - CDSCO, Government of India			
11:35 – 12:25	Leadership Panel: Reimagining Innovation and Manufacturing to Enable Transformative & Affordable Medicines			
	Revamping your portfolio towards transformative medicines			
	<ul> <li>Innovation and focus on R&amp;D to stay ahead</li> <li>Rethinking manufacturing with focus on affordability to widen the scope of commercialisation</li> <li>AI &amp; Digital to help with process development and manufacturing</li> </ul>			
	Including Sustainability in your manufacturing			
	Moderated By:			
	Shirish Arya, Co-Founder & Director- Corporate Strategy & Business Development, ImmunoACT			
	Esteemed Panelists:			
	Rajinder Suri, CEO, DCVMN International, Switzerland Dr.Jitendra Kumar, Managing Director- BIRAC, Department of Biotechnology, Government of India			
	Dr. Sridevi Khambhampaty, Chief Executive Officer, Shilpa Biologicals Pvt Ltd Sandeep Raktate, President – India and Ireland Operations, Amneal Pharmaceuticals			
12:25- 12:45	Supply of Medicinal Products from India into the EU Market, Including			
	Regulatory, Quality, and Logistics requirements			
	Regulatory & Licensing			
	<ul> <li>GMP &amp; Manufacturing Approval and Qualified Person (QP) Certification</li> <li>Import Logistics &amp; GDP</li> </ul>			
	Customs & Trade Compliance & Documentation			
	<ul><li>Pharmacovigilance</li><li>Risk &amp; Contingency Planning</li></ul>			
	Irene Frisby , Founder and Managing Director, Frisby Quality Services (FQS)			

## 25th & 26th2025November,RH.N32 (RHBHall)-IndiaExpo Centre, Delhi NCR, India

12:45- 13:30	The Digital Transformation Panel: Think Next- Adopting Technology End-to-End- From Bench to Bedside  • Understanding and mapping the advantages of Industry 4.0 technologies
	<ul> <li>and creating a business case</li> <li>Imbibing technology in vendor management &amp; supply chain</li> <li>Integrating technology into current processes</li> <li>Understanding compliance with evolving global standards</li> </ul>
	Moderated By:  Venkatanarayan V, Vice-President & Digital Transformation Leader, Dr.Reddy's Laboratories
	Esteemed Panelists:
	Tarun Kapoor, Senior Vice President – IT (CIO), Akums Pharma Group Dr.Mandar Ghatnekar, Global Head I/T & Digital Transformation, Biocon Biologics Narendra Saini, Chief Digital & Data Officer, Lupin
	Jigyasa Kishore, Vice President – National Enterprise Sales & Solutions, Moglix
13:30- 14:30	Lunch & Networking Break
14:30 – 15:15	Panel Discussion: Orphan Drug Manufacturing in India – Opportunities, Challenges & the Road Ahead
	<ul> <li>Setting the context: Rare diseases in India</li> <li>Unlocking potential: Indigenous development of out-of-patent drugs</li> </ul>
	<ul> <li>Aligning with global frameworks</li> <li>Industry voices: Success stories &amp; lessons learned</li> <li>The reality check: Opportunities vs. challenges</li> </ul>
	Open dialogue & way forward
	Moderated By:
	Prasanna Shirol, Co-founder & Executive Director, Organization for Rare Diseases India
	Esteemed Panelists:
	<b>Dr. Rita Sarin</b> , Advisor & Subject Matter Expert– Intellectual Property, <b>Pharmaceutical Industry</b>
	<b>Dr. Sangeeta Sharma</b> , Professor & Head Dept. of Neuropsychopharmacology IHBAS, Delhi President, <b>DSPRUD</b>
	Bharadwaj Magnu , Business Head, Rare Diseases – Laurus Labs

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15:15- 15:45	Innovating for a Better Life			
	<ul> <li>Innovation-driven healthcare solutions</li> <li>Global manufacturing excellence</li> <li>Partner of choice for the pharma &amp; biotech industry</li> </ul>			
	Ravikumar Ummadisingu , Managing Director , Gerresheimer Triveni Polyr Pvt. Ltd. (PPP India)			
15:45– 16:25	Panel: Beyond GMP Compliance- Practices to Enhance Patient Centricity			
	<ul> <li>Embracing a Quality by Design approach with proactive control strategy and risk management</li> <li>Meeting regulatory requirements and be inspection ready always</li> <li>Digitalization to help quality control and assurance</li> <li>Quality management maturity to drive continuous improvement</li> </ul>			
	Moderated By:			
	Dr. Parthasarathy Sampathkumar, Head - Biocon Group Centre of Excellence, Biocon Group			
	Esteemed Panelists:			
	Dr. Umesh Kale, Chief Quality Officer, Strides Dr. Jitendra Kumar Jain, VP- Quality, Amneal Pharmaceuticals			
	Manoj Chitnis, Vice- President -Corporate Quality Head, JB Chemicals & Pharmaceuticals			
	Laura Castanheira , Director of Regulatory Affairs, Cedro Participacoes			
16:25- 16:55	Revision of Annex 1 for Effective Risk Management & Contamination Control of Sterile Products			
	Revamping Contamination Control Strategy across the facility			
	<ul> <li>Requalification of cleanrooms</li> <li>Equipment design, installation and cleaning requirements</li> <li>Non-Conformity &amp; CAPA management</li> </ul>			
	AV Jayakumar, President- Quality, Ajanta Pharma Ltd.			
16:40	Networking Break & End of Conference Day 1			

## 25th & 26th2025November,RH.N32 (RHBHall)-IndiaExpo Centre, Delhi NCR, India

Day 2- 26th November 2025, Wednesday

08:00–10:00	Registration & Networking		
10:00-11:00	Welcome Address & Inauguration		
11:00 – 11:45	Leadership Panel Discussion: Charting the Roadmap to Meet the Sustainability Goals		
	<ul> <li>Listing the ESGgoals &amp; moving towards "Net-Zero"</li> <li>Lifecycle Assessment as a tool to identify and focus on high impact</li> <li>activities</li> <li>Supplier Collaboration for sustainable practices throughout the value</li> <li>Chain         <ul> <li>Measuring customer value vs cost of going green</li> </ul> </li> </ul>		
	Using technology to reduce carbon footprint		
	Moderated by:		
	Chakravarthi AVPS, Chairman, FOPE (TG & AP)		
	Esteemed Panelists:		
	Dr. Parthasarathy Sampathkumar, Head - Biocon Group Centre of Excellence, Biocon Group Prof. (Dr.) Tanweer Alam, Additional Director & RO, Indian Institute of		
	Packaging, Delhi and Incharge-IIP Lucknow Anirban Mukherjee, Partner Advisory Services, Ernst & Young Dr. Kishor Mogulluru, Associate Director- Global External Affairs, US Pharmacopeia		
11:45- 12:15	Green Chemistry in Pharma Industry		
	<ul> <li>Sustainable Process Design and Waste Minimization</li> <li>Use of Renewable and Safer Materials</li> <li>Energy Efficiency and Innovation through Green Technologies</li> </ul>		
	Amarnath Paluru, Senior Director – EHS & Sustainability, Biocon Limited		
12:15- 12:45	De-Risking Autoinjector Integration with Pre-Fillable Syringes		
	<ul> <li>Autoinjector-syringe compatibility critical to combination product success.</li> <li>The Owen Mumford-Stevanato Group partnership demonstrates how</li> <li>integrated development mitigates compatibility challenges by design Rigorous testing of syringe attributes and integrated design like break loose and glide forces and integrated design ensure optimal combination product performance.</li> </ul>		

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	<ul> <li>Aidaptus® autoinjector and Alba® &amp; Nexa® syringes- the advanced flexible platforms for subcutaneous delivery of high-value injectables.</li> </ul>
	Hari Rachamala, TAM Manager- APAC, Stevanato Group
	Siva Prasad Reddy, Product Manager, Owen Mumford, United Kingdom
12:45- 13:15	Delivering Sustainable Solutions for Hard to Recycle Packaging Formats
	<ul> <li>Showcase sustainable solutions for hard-to-recycle pharmaceutical packaging formats, emphasizing convenience, safety, waste reduction, and sustainable benefits</li> <li>Address key challenges in sustainable practice adoption including regulatory challenges, market demands, and carbon footprint disclosure requirements</li> <li>Highlight Honeywell's sustainability initiatives focusing on emissions reduction, strategic partnerships, and plant process enhancements</li> <li>Duncan Flack, Global Sustainability Lead, Solstice Advanced Materials</li> </ul>
13:15- 14:15	Lunch & Networking Break
14:15 – 14:45	<ul> <li>Towards Scope 3: Engaging Suppliers towards Decarbonisation Journey in Lifesciences</li> <li>Promoting sustainability across the entire value chain</li> <li>Clearly define &amp; communicate the decarbonisation goals and expectations for suppliers.         Driving towards Scope 3 emission strategies     </li> <li>PV Raju, Senior Vice President- Supply Chain, Biological E</li> </ul>
14:45- 15:05	Unite, Share, Transform: The CPHI Sustainability Collective in Action
	<ul> <li>The CPHI Sustainability Collective- a central hub for the pharma industry's change-makers         <ul> <li>Connected communities - bringing together diverse voices from across</li> <li>the pharmaceutical ecosystem</li></ul></li></ul>
15:05- 15:35	Change Control Strategies for Implementing Sustainable Manufacturing Practices

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	Pavankumar R Gudi, Manager- Viral Vaccines, Serum Institute of India	
15:35- 16:20	Packaging Leaders Panel: Incorporating Green Design in Pharma Packaging & Logistics to Reduce Carbon Footprint	
	<ul> <li>Exploring &amp; adopting sustainable pharma packaging – materials &amp;</li> <li>design – throughout the product life cycle</li> <li>Exploring Circular economy in pharma packaging</li> <li>Intelligent Packaging to track &amp; trace</li> <li>Adopting efficient &amp; effective cold chain packaging and logistics to help</li> <li>sustainability in advanced therapies</li> <li>Ensuring compliance &amp; patient safety</li> <li>Cost- benefit analysis</li> </ul>	
	Moderated By:	
	Krutarth Mankad, Head – Supply Chain Management, Otsuka Pharmaceutical India Pvt. Ltd	
	Esteemed Panelists:	
	Duncan Flack, Global Sustainability Lead, Solstice Advanced Materials Bhupesh Mittal, Technical Packaging Program Lead – APAC, Bayer Consumer Healthcare Deval Gupta, Lead- Drug Delivery Devices, Dr. Reddy's Laboratories Ltd.	

16:20

**Networking Break & End of Conference** 



### **Workshop by** Amano Enzyme Inc

**Enzyme-Driven Innovation: Sustainable Manufacturing of Pharma API** and Intermediates

Date: 25th November 2025 Time: 12:30 to 5:00 pm

Venue: 2nd Floor, IEML, Greater Noida



#### **KEY SPEAKERS FOR THE EVENT**



Dr. Yasuhisa Asano Sole Proprietor Biotech Consulting Aenzam



Dr. T. Kumaraguru Senior Scientist in the Department of Organic Synthesis & Process Chemistry CSIR-Indian Institute of Chemical Technology, Hyderabad



Yusuke Tanaka General Manager, sales and marketing Amano Enzyme Asia Pacific



Dr. Nobuyuki Urano Team Leader, Innovation center Amano Enzyme Inc

#### **AGENDA**

12:30 - 14:00 14:00-	Registration & Networking Lunch	
14:05 14:05 - 14:10 14:10 - 14:55	Opening by Amano Enzyme     Workshop Rundown	
14:55-15:10(Q&A)	Greeting	Dr. Shotaro Yamaguchi , R&D Director, Amano Enzyme
15:15 - 16:00 16:00-16:15(Q&A)	Development of Hydroxynitrile lyase for Pharmaceutical Synthesis	Prof. Dr. Yasuhisa Asano, Sole Proprietor, Aenzam
	Biocatalysis for Sustainable API Intermediate Development: Innovations and Opportunities	Dr. T.Kumaraguru, Senior Scientist - Department of Organic Synthesis & Process Chemistry ,CSIR-Indian Institute of Chemical Technology
16:20 - 16:50	Amano's Biotransformation Enzymes for Green chemistry	Dr. Nobuyuki Urano and Mr. Yusuke Tanaka , Amano Enzyme
16:50	Closing Remarks	Amano Enzyme

About the Workshop This workshop will provide cutting edge solution that lead to eco-friendly production of fine chemicals with lower costs. Many innovative successful cases have been reported in which enzymes are used in the manufacturing of intermediates for pharmaceuticals, agrochemicals, and related products. These applications can be helped for reducing wastes and reducing production costs.

About Amano Enzyme: Amano Enzyme is a Japanese enzyme manufacturer with a history of over 120 years, can offer a wide range of products, including lipases, esterases, ketoreductases, and more, all suitable for biotransformation. Committed to sustainability and innovation, it provides advanced Japanese technologies that tailored to not only biotransformation and pharmaceutical, but also F&B industrial markets. All of the enzyme solutions are designed to help manufacturers create healthier, more sustainable, and higher-quality products.



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