

## Pharma Connect Congress

**25-26 November 2025** IEML, Greater Noida

# Redefining the Future of Pharma:

Pharma Manufacturing Conclave

Pharma
Sustainability
Conclave





## Pharma Manufacturing Conclave

25 November 2025 | IEML, Greater Noida

India, considered as 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 sciences and 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



## **Past Speakers**



Dr. Rhonda Duffy Executive Vice-President & Chief Operating Officer, Biocon Biologics



Dr. Mahesh Bhalgat Group CEO & MD, Veeda Clinical Research Limited



Anil Matai
Director General
Organisation of
Pharmaceutical
Producers of India
(OPPI)



Chakravarti AVPS Global Ambassador, World Packaging Organisation



Yugal Sikri Managing Director, RPG Lifesciences



Jerome Gnanaprakasam Global Head - Projects & Engineering, EHS & Sustainability, Dr.Reddys Laboratories



Dr. Dennis McCullough Vice President, Global Sales, CAS



Chandi Prasad Ravipati Head Packaging Development Aurobindo Pharma



Rajendra Patil Head - EHSS Syngene International



Sunila Sahasrabudhe Head - ESG Finance Biocon



Himanshu Gupta Director Sales -South Asia, Veolia Water Technologies & Solutions



Rajesh Vasudevan Vice President -EHS & ESG Cipla



Dr. Mandar Ghatnekar Global Head IT & Digital Transformation Biocon Biologics



Narendra Saini Chief Digital & Data Officer Lupin



Dheeraj Sinha
Executive Vice President
and Chief Information
Officer
Sunpharma



Abhay Srivastava President Operations, Mankind Pharma



Prof. Ravichandiran Director, NIPER- Kolkata



Atul Shastri
President Operations
Eugia Pharma
Specialities



## **Past Speakers**



**Dr. Tathagata Dutta**President &
Chief Technology Officer **Jodas Expoim** 



Dr. Shubhadeep Sinha Senior Vice-President-Development Hetero



Dr. Abhishek Mathur Chief Scientific Officer, Enzene Biosciences



Dr. Pramod Wangikar Chair Professor for Green Chemistry and Industrial Biotechnology, Department of Chemical Engineering IIT Bombay



Dr. Sanjeev Gupta Sr. Vice President Advanced Biotech Lab, IPCA



Raxit Mansinh Rodiya Chief Manager Application Dev. and Marketing, Gujarat Fluorochemicals



Prudhvi Teja Principal & Head DPEx, CTOs (API), Dr. Reddys



Meenakshi Jain Head, Regulatory Generics Development, Sandoz Private Limited, India



Subhrangshu Chaudhury Vice President & Head of Quality, Centaur Pharmaceuticals



Matruprasad Priyadarshi Senior Director-Regions & Program Operations



Kaustubh Kulkarni Senior Manager -Packaging Development Wockhardt Ltd



Santanu Chowdhury Senior General Manager- Packaging Sunpharma



Mary Poddar Supply Chain Renewables Program Manager-EMEA, Schneider Electric



Sankalp Chawla Associate Director Global Procurement-Sustainablity, GSK, India



Swati Kapoor Quality Head, Takeda India



**Dr. Abdur Rub**Ex-CEO - Wadhwani
Research Centre for
Bioengineering,
IIT Bombay



Dr. Waesarat Soontornchaiboon Product Innovation Manager, SMS Corporation Co., Ltd.



Dr. Siwarutt Boonyarattanakalin Assistant Innovation Director, SMS Corporation Co., Ltd.



Day 1-25th November 2025, Tuesday

| 08:00 - 10:00 | Registration & Networking  |
|---------------|--|
| 10:00 – 11:00 | Welcome Address & Inauguration   |
| 11:00 – 11:45 | Leadership Panel: Reimagining Innovation and Manufacturing to Enable Transformative & Affordable Medicines   |
|               | <ul> <li>Revamping your portfolio towards transformative medicines</li> <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> <li>Including Sustainability in your manufacturing</li> </ul>  |
| 11:45 – 12:15 | <ul> <li>Keynote: Ensuring Business Sustainability in a Shifting Geopolitical Landscape</li> <li>Navigating the critical geo-political uncertainties</li> <li>A look into the current pipeline and the need to revamp your portfolio/strategies</li> <li>Indigenous and global market strategies</li> </ul>  |
| 12:15- 12:45  | Evolving From Lot Manufacturing: Exploring Modular & Continuous Manufacturing for Cost-Effective, Scalable, High-Quality Production  Batch vs Continuous Manufacturing- understanding what is feasible Transitioning to continuous manufacturing – exploring the challenges Adopting modular design for futureproofing manufacturing  Solution Provider  |
| 12:45- 13:30  | <ul> <li>The Digital Transformation Panel: Think Next- Adopting Technology End-to-End- From Bench to Bedside</li> <li>Understanding and mapping the advantages of Industry 4.0 technologies 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> |
| 13:30- 14:30  | Lunch & Networking Break   |

| 14:30 – 15:00 | Exploring the Global Biopharma Opportunity with Better Therapies   |
|---------------|--|
|               | <ul> <li>Continuous investment in R&amp;D exploring new candidates &amp; processes</li> <li>Developing high quality &amp; effective biologics, biosimilars, ATMPs</li> <li>Rethinking manufacturing to focus on cost effective therapies</li> <li>Partnerships to enable better outreach</li> </ul>  |
| 15:00- 15:30  | Session Reserved for Gerresheimer  |
| 15:30 – 16:00 | <ul> <li>Fireside Chat: Beyond GMP Compliance- Practices to Enhance Patient Centricity</li> <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> |
| 16:00- 16:30  | Revision of Annex 1 for Effective Risk Management & Contamination Control of Sterile Products  Revamping Contamination Control Strategy across the facility Requalification of cleanrooms Equipment design, installation and cleaning requirements Non-Conformity & CAPA management  |
| 16:30         | Networking Break & End of Conference Day 1   |

Information Classification: General

Day 2- 26th November 2025, Wednesday

| 08:00 - 10:00<br>10:00 - 11:00 | Registration & Networking  Welcome Address & Inauguration   |
|--------------------------------|---|
| 11:00 – 11:45                  | Leadership Panel Discussion: Charting the Roadmap to Meet the Sustainability Goals  Listing the ESG goals & moving towards "Net-Zero" Lifecycle Assessment as a tool to identify and focus on high impact activities Supplier Collaboration for sustainable practices throughout the value Chain Measuring customer value vs cost of going green Using technology to reduce carbon footprint  |
| 11:45 – 12:15                  | <ul> <li>Using technology to reduce carbon footprint</li> <li>Beyond Compliance: Meeting the Expectations of Government, Investors, Customers and Employees</li> <li>Navigating Environmental Standards &amp; Regulations in Pharma &amp; Biopharma sector- India &amp; Global</li> <li>ESG Reporting to SEBI with the right metrics and BRSR</li> <li>Global Sustainability Rankings</li> <li>Measuring and Reporting ESG initiatives to employees and customers to collectively create value</li> </ul> |
| 12:15- 12:45                   | <ul> <li>Driving Energy Efficient &amp; Waste Reduction Practices Onsite</li> <li>Efficient facility design</li> <li>Role of AI to optimize pharma manufacturing, energy consumption and resource utilization</li> <li>Use of renewable energy and energy efficient resources</li> <li>Use of recycled water in the processes where feasible</li> <li>Focus on reduction of toxicity and emissions</li> </ul> Solution Provider   |
| 12:45- 13:15                   | Fireside Chat: Adopting Green Chemistry in Drug Discovery & Development for Affordable Products  Incorporating Green Chemistry principles in drug discovery & development  Lower COGS with green chemistry  Cost effective scaling up manufacturing with Green Chemistry principles   |

| 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.</li> <li>Driving towards Scope 3 emission strategies</li> </ul>  |
| 14:45- 15:15  | <ul> <li>Exploring biodegradable polymers and in other sustainable materials drug delivery</li> <li>Innovation in drug delivery technology like auto-injectors to reduce waste</li> <li>Designing for a circular economy</li> </ul> Solution Provider   |
| 15:15- 15:45  | <ul> <li>Green Strategies for Primary Packaging to Minimise Environmental Impact</li> <li>Glass Vials to drive sustainability goals</li> <li>Using biodegradable &amp; reusable systems while ensuring the product remains effective and safe</li> <li>Adhering to required compliance across geographies</li> </ul>  |
| 15:45- 16:30  | Packaging Leaders Panel: Incorporating Green Design in Pharma Packaging to Reduce Carbon Footprint   Exploring & adopting sustainable pharma packaging – materials & design – throughout the product life cycle  Exploring Circular economy in pharma packaging  Intelligent Packaging to track & trace  Adopting efficient & effective cold chain packaging and logistics to help sustainability in advanced therapies  Ensuring compliance & patient safety  Cost- benefit analysis |

16:30

**Networking Break & End of Conference** 



## **Event Partners**

### **Platinum Partner**







### For Sponsorship & Speaking Opportunities:

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