

Pharma Connect Congress

26–27 November 2024
IEML, Greater Noida

Redefining the Future of Pharma:

**Pharma
Manufacturing
Conclave**

**Pharma
Sustainability
Conclave**



Pharma Manufacturing Conclave

26 November 2024 | 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 2024 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

27 November 2024 | 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 2024 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

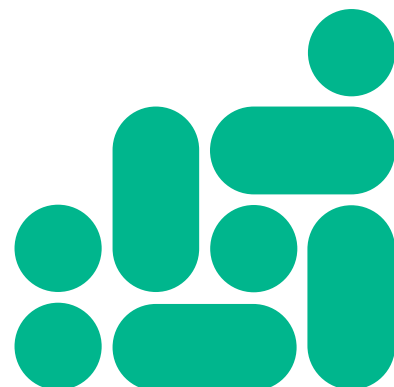
Formulation Development/ R&D

Manufacturing Operations

Packaging Development

Supply Chain Management

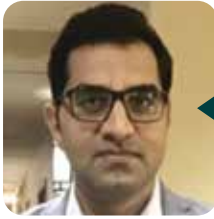
Quality Assurance & Compliance



Speakers



Chakravarti AVPS
Global Ambassador,
World Packaging
Organisation



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



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



Kaustubh Kulkarni
Senior Manager -
Packaging Development
Wockhardt
Research Centre,
Aurangabad



Meenakshi Jain
Head of Development
Regulatory Centre
Sandoz



Rajendra Patil
Head - EHSS
Syngene
International



**Sunila
Sahastrabudhe**
Head - ESG Finance
Biocon



Narendra Saini
Chief Digital &
Data Officer
Lupin



Prudhvi Teja
Principal & Head DPEx
Dr. Reddys



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



Rajesh Vasudevan
Vice President -
EHS & ESG
Cipla



**Chandni Prasad
Ravipati**
Head Packaging
Development
Aurobindo Pharma



Santanu Chowdhury
Senior General
Manager- Packaging
Sunpharma



Pharma Connect CPHI

26th & 27th November, India Expo Centre, Delhi NCR, India

Day 1- 26th November 2024, Wednesday

08:00 – 10:00

Registration & Networking



10:00 – 11:00

Welcome Address & Inauguration

11:00 – 11:45

Leadership Panel: Continuous Innovation & Agile Manufacturing for the Next Generation Therapeutics



- Selecting your portfolio and the market- Staying dynamic for growth with future opportunities
- Innovation and focus on R&D to stay ahead
- Keeping manufacturing processes agile with core focus on quality & patient centricity
- AI & Digital to help with process development and manufacturing
- Including Sustainability in your manufacturing

11:45 – 12:15

Keynote: India as the “Pharmacy of the World” with Cost Effective Generics and Biosimilars

- Cost effective therapies and manufacturing to our leverage
- Government Policies and funding that support Indian Pharma & Biopharma Sectors
- Keeping quality and compliance at the core
- Forging Partnerships and alliances towards the goal

12:15- 13:00

The Digital Transformation Panel: Addressing the Challenges in Adopting Digital Technologies



- Understanding and mapping the advantages of Industry 4.0 technologies e.g., Process Automation, IoT, digital twins to optimize and streamline manufacturing and other value chain operations
- Understanding compliance with evolving global standards
- Cultivating a talent pool of digital champions

Panelists:

Narendra Saini, Chief Digital & Data Officer, Lupin

Prudhvi Teja, Principal & Head DPEX, Dr.Reddys

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

13:00- 13:30

Evolving Beyond Batch: 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

13:30- 14:30

Lunch & Networking Break



14:30 – 15:00

Navigating the Complexity of Biosimilar Manufacturing

- Continuous investment in R&D exploring new candidates & processes
- Developing high quality biosimilar with cost-effective manufacturing processes
- Analytical expertise for characterization and comparability
- Staying compliant with good QA/ QC practices

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

15:00- 15:30

Selecting and Leveraging the Right CMO Partner for Efficient, Cost Effective and Timely Manufacturing

- Freeing up the internal resources to focus on R&D and process efficiencies.
- Catering to rising therapies and new demands/ markets leveraging on the CMO expertise
- Making medicines cost-effective with CMOs

Solution Provider

15:30 – 16:00

Fireside Chat: Quality & Regulatory Compliance- Staying Compliant always

- Embracing a Quality by Design approach with proactive risk management
- Building a robust quality management system
- Fostering a culture of compliance
- Digitalization to help quality control and assurance



Panelists:

Meenakshi Jain, Head of Development Regulatory Centre, Sandoz

16:00- 16:30

Quality Management Maturity to Drive Continuous Improvement

- Understanding Quality Measurement Metrics model
- Mitigate Drug Shortages and Enhance Product Quality with QMM
- Data driven approach to quality management

16:30

Networking Break & End of Conference Day 1



Pharma Connect CPHI

26th & 27th November, India Expo Centre, Delhi NCR, India

Day 2- 27th November 2024, Wednesday

08:00 – 10:00

Registration & Networking



10:00 – 11:00

Welcome Address & Inauguration

11:00 – 11:45

Leadership Panel Discussion: Addressing the Critical Sustainability Challenges in Indian Pharma & Biopharma



- Charting the right roadmap towards sustainability with ESG goals
- Moving towards “Net-Zero”
- Lifecycle Assessment as a tool to identify and focus on high impact activities
- Driving energy efficiency & waste reduction practices
- Supplier Collaboration for sustainable practices throughout the value Chain

Panelists:

Jerome Gnanaprakasam, Global Head- Projects & Engineering , EHS & Sustainability, Dr.Reddys Laboratories
Chakravarti AVPS, Global Ambassador, World Packaging Organisation
Sunila Sahastrabudhe, Head -ESG Finance, Biocon

11:45 – 12:15

Navigating Environmental Standards & Regulations in Pharma & Biopharma sector- India & Global

- India- Companies Act, Labor Laws, Environmental Laws
- ESG Reporting to SEBI with the right metrics and BRSR
- A look into global regulations and the United Nations Sustainable Development Goals (SDGs)

Rajendra Patil, Head – EHSS, Syngene International

12:15- 12:45

Efficient Onsite Operations for Sustainability in Pharma & Biotech Companies (To Be Confirmed)

- Efficient facility design
- Role of AI to optimize pharma manufacturing, energy consumption and resource utilization
- Use of renewable energy and energy efficient resources
- Use of recycled water in the processes where feasible
- Focus on reduction of toxicity and emissions

Sunila Sahastrabudhe, Head -ESG Finance, Biocon

12:45- 13:15

Sustainable Ways to Manage Pharma & Biopharma Wastes

- Designing the right processes and reducing waste generation across the product lifecycle with LCA
- Recycling and reusing where possible in collaboration with your CRO/CDMO partners
- Reducing water waste strategizing with fill-finish sites / partners
- Recycling water generated with waste treatment plants

Solution Provider

Pharma Connect CPHI

26th & 27th November, India Expo Centre, Delhi NCR, India

13:15- 14:15

Lunch & Networking Break



14:15 – 14:45

Fireside Chat: Adopting Green Chemistry in Drug Discovery & Development



- Incorporating Green Chemistry principles in drug discovery & development
- Designing products & processes to minimise and remove hazardous waste and toxicity
- Cost effective scaling up manufacturing with Green Chemistry principles

14:45- 15:15

Designing and Developing Green Drug Delivery Systems

- Exploring biodegradable polymers and in other sustainable materials drug delivery
- Glass Vials to drive sustainability goals
- Innovation in drug delivery technology like auto-injectors to reduce waste
- Designing for a circular economy

Solution Provider

15:15- 15:45

Engaging Suppliers towards Decarbonisation Journey in Lifesciences

- Promoting sustainability across the entire value chain
- Clearly define & communicate the decarbonisation goals and expectations for suppliers.
- Driving towards Scope 3 emission strategies

15:45- 16:30

Packaging Leaders Panel: Rethinking Pharma Packaging to Reduce the Carbon Footprint



- Adopting Sustainable Pharma Packaging – materials & design
- Exploring Circular economy in pharma packaging
- Intelligent Packaging to track and also reduce wastage
- Adopting Efficient & Effective Cold Chain Packaging and Logistics to help Sustainability in Biopharma & Advanced Therapies

Panelists:

Chandi Prasad Ravipati, Head Packaging Development, Aurobindo Pharma
Kaustubh Kulkarni, Senior Manager - Packaging Development, Wockhardt
Research Centre, Aurangabad
Santanu Chowdhury, Senior General Manager- Packaging, Sunpharma

16:30

Networking Break & End of Conference



For Marketing Alliances or to Register as a Delegate:

Nirmal Shaha

M: +91 98673 17084 | E: nirmal.shaha@informa.com

For Speaking Opportunity:

Archana Shantharam

M: +91 9343197703 | E: archana.shantharam@informa.com

For Partnership Opportunities:

Rima Fodkar

M: +91 88794 76147 | E: rima.fodkar@informa.com



Informa Markets India Private Limited

1st Floor, North Wing, S14, Solitaire Corporate Park, Guru Hargovindji Rd, Chakala, Andheri (E),
Mumbai, Maharashtra 400093, India.