

Session Partner



# TECHNICAL SESSION ON GREEN CHEMISTRY TOOLS FOR PROCESS RESEARCH

7<sup>th</sup> November 2023 | The Westin Mumbai Garden City

## Expected Participants:

Senior Scientists (President, VP, GM, Manager, etc) from R&amp;D, Analytical, Quality Control, Process Development

## Objectives:

- To introduce and give demo of Solvent Selection Guide to choose greener alternative solvent.
- To introduce and give demo of Reagent Selection Guide as access to choosing greener reagents.
- To share DOZN and Process Mass Intensity (PMI) as a tools for measuring "Greenness" of process.
- To learn from other companies, Green & Sustainable Chemistry tools they have been using in Process Research.



Dr. Sudhir Nambiar, CSO,  
**Solara Active Pharma Sciences Ltd.**

## Session Mentors



Dr. Rakesh Gaonkar, VP-Research &  
Technology, **Hikal Ltd.**

Timing	Speaker	Topic / Title of Presentation
8:30 - 9:30	<b>Registration, Tea/Coffee, Networking, Visiting IGCW EXPO</b>	
9:30 - 9:40	Welcome by Session Mentors - Acknowledgement, Self-Introduction & sharing work, Creating Context for the Session	
9:40 - 10:10	 Dr. Rakeshwar Bandichhor, VP & Head of Chemistry - API R&D, <b>Dr. Reddys Laboratories</b> and Vice-Chair, <b>ACS-India Chapter</b>	Green Chemistry tools for Process Research at Dr. Reddy's
10:10 - 10:40	 Dr. Ankur Jalan, Advisor - Chemistry, <b>Eli Lilly &amp; Company</b>	Evaluate the Sustainability of Your Chemistry through Solvents Tools and Guides
10:40 - 11:10	 Dr. Bhanu Manjunath, Director, Research & Technology Centre, <b>Syngenta Biosciences Ltd.</b>	Green and Sustainable Chemistry: Green Chemistry Principles Applications in Agrochemical Research
11:10 - 12:00	<b>Tea/Coffee Networking Break, Visiting IGCW EXPO</b>	
12:00 - 12:30	 Dr. Harishchandra Jadhav, Assistant Director - Chemical Research, <b>Lupin Ltd.</b>	API case studies developed through application of green principles/technologies
12:30 - 13:00	 Dr. Rebecca Newton, Process Chemistry Team Leader, <b>Sai Life Sciences Ltd</b>	ACS GCIPR Tools for More Sustainable Chemistry – Reagent Guides
13:00 - 13:30	 Mr. Alex Mullen, Senior Product Environmental Specialist, <b>AstraZeneca</b>	Leveraging Life Cycle Assessment for the Production of Greener Medicines
13:30 - 14:45	<b>Lunch Break, Visiting IGCW Expo.</b>	
14:45 - 15:15	 Dr. Vilas Dahanukar, R&D Director, <b>Proexp Pharma Pvt. Ltd.</b>	Simple metrics to measure Greeness of our Products & Processes
15:15 - 15:45	 Dr. Andiappan Murugan, VP - API R&D, <b>Troikka Pharmaceuticals Ltd.</b>	How Green is My Chemistry - An R&D Perspective
15:45 - 16:15	 Dr. Richard Fox, Scientific Director, <b>Bristol Myers Squibb (BMS)</b>	Process Mass Intensity (PMI) Prediction Tool
16:15 : 16:45	 Dr. John Wasyluk, Associate Scientific Director, <b>Bristol Myers Squibb (BMS)</b>	Analytical Method Greeness Score (AMGS) Calculator
16:45 - 17:00	Industry & Academic Mentors for the Session	
16:45 - 17:00	Closing Remarks & Acknowledgements	
16:30 - 18:00	<b>Tea/Coffee Break, Visiting IGCW EXPO</b>	

Click here to Register for the Session: <https://www.industrialgreenchem.com/igcw23-online-and-offline-registration/>