IGCW2025 - TECHNICAL SESSION ON GREEN CHEMISTRY TOOLS FOR PROCESS RESEARCH

7th October 2025 (Tuesday) | The Westin Mumbai Garden City

Session Partners: ACS GCI Pharmaceutical Roundtable | Godrej

Session Mentors

Dr. Sudhir Nambiar,
CMC Head Small Molecules,
Syngene International Ltd.

Dr. Rakesheshwar Banddichor, VP & Head, Chemistry - API - Process R&D,
Dr. Reddy's Laboratories

Timing	Speaker, Designation, Company	Topic / Title of Presentation
08:30 - 09:30	**Registration, Tea/Coffee, Networking, Visiting IGCW Expo**	
09:30 - 09:40	Mentors for the Session Welcome, Acknowledgement, Self-Introduction & Creating Context for the workshop, Introducing Keynote Speaker	
09:40 - 10:15	Dr. Chris Senanayak, Founder, CEO & CSO, **TCG GreenChem**	**Keynote:** Novel and Green Synthetic Technologies for Complex API Assembly
10:15 - 10:45	Dr. Bhanu Manjunath Narayan, Director, **Syngenta Biosciences Ltd.**	Food chemistry and Sustainable Agri-Tech revolution Sustainable innovation in Research and Development - Chemistry driven approaches
10:45 - 11:30	**Tea/Coffee Networking Break, Visiting IGCW Expo.**	
11:30 - 11:50	Dr. John Warner, President & CEO, **The Technology Green House**	Noncovalent Derivatization and Mechanochemistry: Green Chemistry tools at the frontier of molecular interfaces
11:50 - 12:10	Dr. Narendra Ambhaikar, Head - R&D and Tech. Lead (India Region), **Piramal Pharma Ltd.**	Sustainability Through Simplicity: Reinventing API Pathways
12:10 - 12:30	Dr. K. Raja, Head - R&D, **Godrej Industries Ltd. (Chemicals)**	Integrating Green Chemistry Principles in Oleochemical and Specialty Chemicals Process Development
12:30 - 12:50	Dr. Surya Manisha Inukonda, Sr. Process Engineering Scientist - API, IPDO, **Dr. Reddys Laboratories Ltd.**	A Versatile Flow Electrochemical Methodology for the Manufacturing of Pharmaceutically Relevant Sulfoxides and Sulfones from Thioethers
12:50 - 13:15	Moderator: Dr. Sudhir Nambiar, CMC Head Small Molecules, **Syngene International Ltd.**	Q&A and Open Discussion
13:15 - 14:30	**Lunch Break, Visiting IGCW Expo.**	
	Tools by ACS Green Chemistry Institute Pharmaceutical Roundtable (GCIPR), USA	
14:30 - 15:00	Dr. Juan Colberg, Senior Director Technology & Innovation, Global Green Chemistry Leader, **Pfizer** (Online)	Introduction to Pharmacautical Roundtable & Flow Chemistry in API Synthesis
15:00 - 15:30	Dr. Alvaro Enriques, Research Scientist, **Eli Lilly & Co.** (Online)	Solvent Sustainability in Medicinal Chemistry
15:30 - 16:00	Dr. David Thiasrivongs, Director - Process Research & Development, **Merck & Co Inc**	Green by design: Sustainable process development at Merck
16:00 - 16:30	Dr. Benjamin Kühne, Group Lead - Sustainability Assessments, **Merck KGaA** (Online)	Green Chemistry Using Smarter Metrics: Streamlined Life Cycle Assessments
16:30 - 17:00	Dr. Jie Xiu, Senior Scientist, **Amgen** (Online)	Pioneering Green Chemistry: From Principles to Practice
17:00 - 17:20	Ms. Ashwini Gunnal, Head - R&D, **Newreka GreenSynth Technologies Pvt. Ltd.**	A Green Chemistry based tool for selective nitro to amine reduction
17:20 - 17:30	Mentors for the Session	Closing Remarks & Acknowledgements
17:30 - 18:00	**Tea/Coffeee Break, Visiting IGCW Expo**	