

## IGCW2025 - Technical Session on Green Chemistry Tools for Process Research

**Venue for IGCW2025:** Hotel Westin Mumbai Garden City, Goregaon (E), Mumbai, India

**Date for this Technical Session:** *7th October'2025 (Tuesday)*

**Expected Participants:** *President-R&D, VP-R&D, GM-R&D, GM-Process Research & Development, Technical Transfer, Senior Scientists*

**Expected No. of Participants:** *approx. 40 - 50*

**Objectives:**

1. To explore Tools that Pharma/Fine Chemicals Industry is using for Green Chemistry in Process Research.
2. Understanding and applying Pharma Roundtable tools like Solvent Selection Guide, Reagent Selection Guide & PMI.
3. Gain insights and learn from Case Studies of other companies practicing Green Chemistry.
4. Explore opportunities that emerging tools like Mechano-chemistry, Electro-chemistry, Flow-chemistry, etc.

Timing	Speaker, Designation, Company	Topics	Context & Content/Comments
8:30 - 9:30 hr	Registration, Tea/Coffee, Networking, Visiting IGCW Expo		
9:30 - 9:40 hr	Mentors for the Session	Welcome, Acknowledgement, Self-Introduction & sharing work, Creating Context for the workshop, Introducing Keynote Speaker	
9:40 - 10:15 hr	Dr. Chris Senanayak, Founder, CEO & CSO, <b>TCG GreenChem</b>	<b>Keynote:</b> Title of presentation awaited	30 min PPT, 5 min Q&A
10:15 - 10:45 hr	Dr. Bhanu Manjunath, Director - Reseach & Technology Centre, <b>Syngenta Biosciences Ltd.</b>	Title of presentation awaited	25 min PPT, 5 min Q&A
10:45 - 11:30 hr	Tea/Coffee Networking Break, Visiting IGCW Expo.		
11:30 - 11:50 hr	David Thiasrivongs, Director - Process Research & Development, <b>Merck &amp; Co Inc</b>	Tools for innovation from the American Chemical Society's Green Chemistry Institute	20 min PPT
11:50 - 12:10 hr	Dr. Joe Armstrong, Chief Operating Officer, <b>TCG Green Chem</b>	Title of presentation awaited	20 min PPT
12:10 - 12:30 hr	Dr. Narendra Ambhaikar, Head - API R&D (India Region), <b>Piramal Pharma Ltd.</b>	Title of presentation awaited	20 min PPT

<b>12:30 - 12:50</b>	Dr. K. Raja, Head - R&D, <b>Godrej Industries Ltd. (Chemicals)</b>	Integrating Green Chemistry Principles in Oleochemical and Specialty Chemicals Process Development	20 min PPT
<b>12:50 - 13:15 hr</b>	<b>Moderator:</b> Dr. Sudhir Nambiar, CMC Head Small Molecules, <b>Syngene International Ltd.</b>	Q&A and Open Discussion	25 min Q&A and Open Discussion
<b>13:15 - 14:30 hr</b>	<b>Lunch Break, Visiting IGCW Expo.</b>		
<b>14:30 - 15:05 hr</b>	Dr. John Warner, Founder, <b>The Technology Green House</b>	Mechanochemistry as a tool for Green Chemistry	30 min PPT, 5 min Q&A
	<b>Tools by ACS Green Chemistry Institute Pharmaceutical Rountable (GCIPR), USA</b>		
<b>15:05 - 15:40 hr</b>	Senior representative from a Pharma MNC (Member company of GCIPR)	Solvent & Reagent Selection Guide	30 min PPT, 5 min Q&A
<b>15:40 - 16:15 hr</b>	Senior representative from a Pharma MNC (Member company of GCIPR)	Process Mass Intensity (PMI) and LCA Tools	30 min PPT, 5 min Q&A
<b>16:15 - 16:50 hr</b>	Senior representative from a Pharma MNC (Member company of GCIPR)	Flow Chemistry in API Synthesis	25 min PPT, 5 min Q&A
<b>16:50 - 17:05 hr</b>	Exhibitor Presentation 1		10 min PPT, 5 min Q&A
<b>17:05 - 17:20 hr</b>	Exhibitor Presentation 2		10 min PPT, 5 min Q&A
<b>17:20 - 17:25 hr</b>	Mentors for the Session	Closing Remarks & Acknowledgements	
<b>17:25 - 18:00 hr</b>	<b>Tea/Coffee Break, Visiting IGCW Expo</b>		

**Industry 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