



**57<sup>th</sup> Annual Convention of Chemists (ACC), Indian Chemical Society (ICS)**  
**Organic & Bio-Chemistry Section**  
**December 27, 2020, Sunday**  
**Dept. of Chemical Sciences, IISER Kolkata**

<b>INAUGURAL SESSION (09:00-09:25)</b> Moderator: Alakesh Bisai, IISER Kolkata	
9.00-9.10	<b>Inaugural Address</b> by Sourav Pal, Director, IISER Kolkata
9.10-9.20	<b>Dept. Review</b> by C. Malla Reddy, Chairman, DCS, IISER Kolkata
9.20-9.25	<b>Introductory Remarks</b> by Dipakranjan Mal, IIT Kharagpur Scientist-in-Charge, Organic & Biochemistry Section
<b>KEYNOTE LECTURE (09:25-10:05)</b> Chairperson: Chhanda Mukhopdhyay, Calcutta University	
9.25-10.00	<b>Keynote Lecture</b> S. Chandrasekaran, IISc Bangalore <b>Title: Organic Chemistry Research in India: Quo Vadis?</b>
<b>BREAK (10:05-10:20)</b>	
<b>SESSION 1 (10:20-10:50)</b> Chairperson: Amit Basak, IIT Kharagpur	
10.20-10.55	<b>Plenary Lecture 1</b> Richmond Sarpong, University of California, Berkeley, CA <b>Title: Break-it-to-Make-it Strategies for Chemical Synthesis</b>
11:00-11.25	<b>Invited Lecture 1</b> Nandita Madhavan, IIT Bombay <b>Title: Engineering Peptides to Mimic Proteins</b>
<b>BREAK (11:30-11:45)</b>	
<b>SESSION 2 (11:45-12:50)</b> Chairperson: Amitava Das, IISER Kolkata	
11:45-12:20	<b>Plenary Lecture 2</b> Javed Iqbal, Cosmic Therapeutics, Hyderabad <b>Title: Small Molecules Mediated trans-differentiation of Pluripotent Stem Cells to Neuron like Cells: The Implication to Neurological Disorders</b>
12:25-12:55	<b>Special Invited Lecture 1</b> Saumen Hajra, CBMR Lucknow <b>Title: Spiroaziridine Oxindoles: Unique Chemistry and Sustainable Applications</b>
<b>BREAK (13:00-14:00)</b>	
<b>SESSION 3 (14:00-15:10)</b> Chairperson: Ajay K. Jha, ACS India	
14.00-14.35	<b>Plenary Lecture 5</b> Yujiro Hayashi, Tohoku University, Sendai, Japan <b>Title: Time Economy in Total Synthesis</b>

14:40-15:05	<b>P. K. Bose Memorial Award Lecture</b> Asit K. Chakraborti, IIT Ropar <b>Title:</b> Coherency of Recent Trends in Organic and Medicinal Chemistry
<b>BREAK (15:10-15:30)</b>	
<b>SESSION 4 (15:30-16:40)</b> Chairperson: Subrata Ghosh, IACS Kolkata	
15:30-16:05	<b>Plenary Lecture 4</b> Burkhard Koenig, University of Regensburg, Germany <b>Title:</b> Chemical Photocatalysis: Organic Synthesis with Visible Light
16:10-16:35	<b>Invited Lecture 2</b> Srinivas Hotha, IISER Pune <b>Title:</b> Synthesis of Fondaparinux Pentasaccharide
<b>BREAK (16:40-16:55)</b>	
<b>SESSION 5 (16:55-17:50)</b> Chairperson: Niranjana Panda, NIT Rourkela	
16:55-17:25	<b>Special Invited Lecture 2</b> D. S. Reddy, CSIR-IIIM Jammu <b>Title:</b> Total Synthesis of Peribysins and Hypothetical Analog of Migrastatin
17:30-17:55	<b>Invited Lecture 3</b> G. Sekar, IIT Madras <b>Title:</b> The Halogen–Bonding Catalysis: An Efficient Tool for Functional Group Activation
<b>BREAK (18:00-18:10)</b>	
<b>J. C. BARDHAN LECTURE (18:10-18:40)</b> Chairperson: Aparna Ganguly, RSC India	
18:10-18:40	<b>J. C. Bardhan Lecture</b> Mukund S. Chorghade, THINQ Pharma, USA <b>Title:</b> Fascinating Excursions into Entrepreneurial Chemistry: An Insider's Perspective
<b>BREAK (18:45-19:00)</b>	
<b>FLASH PRESENTATIONS (19:00-20:10)</b>	



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<b>SESSION 6 (09:00-10:40)</b> Chairperson: Partha Sarathi Das, IIT (ISM) Dhanbad	
9.00-9.35	<b>Plenary Lecture 4</b> J. N. Moorthy, IISER Thiruvananthapuram <b>Title:</b> From Molecules to Functional Materials: Leveraging Sterics
9:40-10.05	<b>D. Nasipuri Memorial Award Lecture</b> Alakananda Hajra, Visva-Bharati University <b>Title:</b> Regioselective C–H Functionalization of Indazoles and Imidazopyridines
<b>BREAK (10:10-10:25)</b>	
<b>SESSION 7 (10:25-11:35)</b> Chairperson: Sujit K. Roy, IIT Bhubaneswar	
10:25-10.55	<b>Special Invited Lecture 3</b> Jyotirmayee Dash, IACS Kolkata <b>Title:</b> DNA and RNA Targets Synthesize Their Own Ligands
11:00-11.25	<b>Invited Lecture 4</b> Dattatraya H. Dethe, IIT Kanpur <b>Title:</b> Enantioselective Total Syntheses of Xiamycin-A and (+)-Japonicol C
<b>BREAK (11:30-11:45)</b>	
<b>SESSION 8 (11:45-12:50)</b> Chairperson: Akhilesh Verma, Delhi University	
11:45-12:20	<b>Plenary Lecture 3</b> H. Ila, JNCASR Bangalore <b>Title:</b> New Directions in Synthesis of Biologically Important Heterocycles
12:25-12:55	<b>Special Invited Lecture 4</b> C. V. Ramana, CSIR-NCL Pune <b>Title:</b> C-Glycosidation in the Synthesis of Natural Products and beyond
<b>BREAK (13:00 - 14:00)</b>	
<b>SESSION 9 (14:00-15:10)</b> Chairperson: Sanjay Batra, CSIR-CDRI Lucknow	
14.00-14.35	<b>Plenary Lecture 6</b> G. Mugesh, IISc Bangalore <b>Title:</b> Halogen Bonding in Thyroid Hormone Action and Membrane Transport

14:40-15:05	<b>Invited Lecture 5</b> Dilip K. Maiti, Calcutta University <b>Title:</b> Diverse Photocatalysis for Common Reaction Pathways
<b>BREAK (15:10-15:25)</b>	
<b>SESSION 10 (15:25-16:35)</b> Chairperson: Bhisma K. Patel, IIT Guwahati	
15:25-15:55	<b>Special Invited Lecture 5</b> K. R. Prasad, IISc Bangalore <b>Title:</b> An Unexpected Entry into the Realm of Sulfinimines During the Total Synthesis of Polyol Natural Products
16:00-16:25	<b>Invited Lecture 6</b> N. D. Pradeep Singh, IIT Kharagpur <b>Title:</b> One- and Two-Photon Uncaging of Carbon Monoxide (CO) with Real-Time Monitoring
<b>BREAK (16:30-16:45)</b>	
<b>SESSION 11 (16:45-18:00)</b> Chairperson: Rakeshwar Bandichhor, Reddy's Laboratory	
16:45-17:20	<b>Plenary Lecture 7</b> S. Chandrasekhar, CSIR-IICT Hyderabad, India <b>Title:</b> Taming Arynes to Access Bioactive Molecules
17:25-17:50	<b>Invited Lecture 7</b> Nitin T. Patil, IISER Bhopal <b>Title:</b> Ligand-Enabled Oxidative Gold Catalysis
<b>BREAK (17:55-18:10)</b>	
<b>T. R. SESHADRI LECTURE (18:10-18:45)</b> Chairperson: Manas K. Ghorai, IIT Kanpur	
18:10-18:45	<b>T. R. Seshadri Lecture</b> Aaron Aponick, Univ. of Florida, Gainesville, FL <b>Title:</b> Making Chiral Heterocycles Using Chiral Heterocycles as Ligands
<b>BREAK (18:50-19:00)</b>	
<b>FLASH PRESENTATIONS (19:00-20:20)</b>	



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**December 29, 2020, Tuesday**  
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<b>SESSION 12 (09:00-10:40)</b>	
Chairperson: C. R. Ramanathan, Pondicherry University	
09:00-09:35	<b>Plenary Lecture 8</b> Uttam Tambar, UTSW, Dallas, TX <b>Title:</b> Stereoselective Functionalization of Unsaturated Hydrocarbons via Pericyclic Reactions
09:40-10:05	<b>Invited Lecture 8</b> Anant Kapdi, ICT Mumbai <b>Title:</b> Caged Phosphines: Fascinating Journey from Academia to Industry
10:10-10:35	<b>Invited Lecture 9</b> Dibyendu Das, IISER Kolkata <b>Title:</b> Systems Chemistry: How Complexity Emerges from Chemistry?
<b>AWARDS &amp; VALEDICTORY (10:40-11:00)</b>	
10:40-10:45	<b>ICS Awards for Oral Presenters</b> -Scientist-in-Charge, Dipakranjan Mal, IIT Kharagpur
10:45-10:50	<b>RSC Awards for Oral &amp; Poster Presenters</b> – Aparna Ganguly, RSC
10:50-10:55	<b>ACS Awards for Oral &amp; Poster Presenters</b> – Deeksha Gupta, ACS
10:55-11:00	<b>Vote of Thanks</b> by Co-Conveners Chhanda Mukhopadhyay, Calcutta University & Alakesh Bisai, IISER Kolkata