

8th Annual Conference ICBS-2019, November 02-04, 2019
CSIR-Indian Institute of Chemical Technology, Hyderabad, India

Program schedule

DAY – 1	2nd November	Venue: CSIR-IICT Auditorium
8:30 AM onwards	Registration	

DAY – 1 9:00 – 10:50	Inaugural and Plenary session (Sponsored by Padmasri Dr. A. V. Rama Rao, AVRA labs, Hyderabad)
Inauguration 09:00 – 09:20	Welcome remarks: <ul style="list-style-type: none"> • <i>Dr S. Chandrasekhar, Director CSIR-IICT and Chairman ICBS 2019</i> • <i>Prof. Jonathan Baell, President, ICBS, Monash University, Australia</i> • Release of conference souvenir
Keynote lecture 01 09:20 – 10:00	Keynote speaker 1: Dr. Shekhar C. Mande , Secretary, DSIR and Director General, Council of Scientific & Industrial Research, India Title: TBA
10.00 – 10:30 (30 mins)	High Tea

Session I 10:30 – 11:45	Newer drug targets and therapeutics Session Chairs: Prof. Jonathan Baell & TBA
10:30 – 10:55 IL-1	Prof. Yimon Aye , EPFL, Switzerland Title: “<i>Illuminating atypical signalling networks</i>”
10:55 – 11:20 IL-2	Prof. Ruma Banerjee , Univ. of Michigan Medical School, USA Title: “<i>The metabolic intersection between Itaconate and B12</i>”
11:20 – 11:45 IL-3	Prof. Tapas Kundu , CSIR-CDRI, Lucknow, India Title: TBA
Session II 11:45 - 13:00	ICBS Session on “Phenotypic Screening” Session Chairs: Dr. Haiyan Fu & TBA
11:45 – 12:10 IL-4	Prof. Hiroyuki Osada , RIKEN, Japan Title: “<i>Morphology-based screening of antitumor and antifungal compounds</i>”
12:10 – 12:35 IL-5	Dr. Ravindra V. Singh , Sigma Aldrich Chemicals Pvt Ltd, India Title: “<i>The Partial PROTACs- a Powerful tool to facilitate synthesis of PROTACs, an emerging strategy in drug discovery to access difficult-to-treat diseases through targeted protein degradation</i>”
12:35 – 13:00 IL-6	Dr. Janos Kriston-Vizi , Laboratory for Molecular Cell Biology, MRC, London, UK Title: “<i>3D high-content screening for identification of autophagy modulator small molecules</i>”
13:00 – 14:00 Break	Lunch break

Session III 14:00 – 15:20	EFMC Session on “Cancer and check-point inhibitors” Session Chairs: Dr. Zaneta N Coleska & TBA
14:00 – 14:20 IL-7	Dr. Muruli Ramachandra , Aurigene, Bangalore. Title: “<i>Discovery and clinical development of the first small molecule checkpoint inhibitor for cancer therapy</i>”
14:20 – 14:40 IL-8	Dr. Maria Duca , Univ. Nice – Cote d’Azur, ICN, France Title: “<i>Synthetic small-molecule RNA ligands: scope and applications</i>”

14:40 – 15:00 IL-9	Dr. Dhanalakshmi Sivanandhan , Jubilant, Bangalore. Title: <i>“Small molecule inhibitors for immune modulation of cancer”</i>
15:00 – 15:20 IL-10	Dr. Pradip Nair , Biocon Research Limited, Bangalore, India Title: <i>“The evolving role of checkpoint inhibitor therapeutics in the treatment of cancer over the last decade”</i>
Session IV 15:20 – 16:00	Chemical Biology in modern medicine – An industrial perspective Session Chair: Dr. Rajamannar Sponsored by Sun Pharmaceutical Industries Ltd., India
15:20 – 15:40 IL-11	Dr. Debabrata Mukhopadhyay , Mayo Clinic, USA Title:
15:40 – 16:00 IL-12	Prof. Yutaka Kondo , Nagoya University, Japan Title: <i>“Anti-sense Oligonucleotide Therapy Targeting long non-coding RNA in Human Cancers”</i>
16:00-17:30	Tea Break and Poster Session
17:30 – 18:15	Meet the Editors Forum (ASBMB, RSC and ACS)
18:15 – 18:45	ICBS General Membership Meeting – Open to all meeting participants
18:45 – 19:45	Cultural program
19:45 onwards	Dinner

DAY – 2	3rd November	Venue: CSIR-IICT Auditorium
8: 30 AM onwards	Registration	
Keynote lecture 02: 9:00 – 9:40	Prof. Minoru Yoshida , RIKEN Center for Sustainable Resource Science, Japan Title: <i>“Opening new drug discovery frontiers through natural products chemical genetics”</i>	
Session V 09:40 – 10:55	Infectious disease therapeutics Session Chairs: TBA & Dr. Jaisankar	
9:40 – 10:05 IL-13	Prof. Jacquin C. Niles , MIT BE, USA Title: TBA	
10:05 – 10:30 IL-14	Dr. Rajesh Gokhale , NII, New Delhi, India <i>“Novel lipidic metabolites involved in Mycobacterium survival during pathogenesis”</i>	
10:30 – 10:55 IL-15	Prof. Mikael Elofsson , Nordik Chemical Biology Consortium, Sweden Title: <i>“Towards the next generation of antivirals”</i>	
10:55 – 11:15	High Tea	
Session VI 11:15 – 12:55	Synthetic biology and chemistry Session Chairs: Dr. BVNS Sarma & TBA Session sponsored by Sai Life Sciences Ltd., India	
11:15 – 11:40 IL-16	Prof. Yaakov Benenson , ETH, Zurich Title: <i>“Apps for cells: from toys to therapies”</i>	
11:40 – 12:05 IL-17	Prof. Lixin Zhang , Institute of Microbiology, Chinese Academy of Sciences, China Title: <i>“Harnessing cellular triacylglycerol pool for titer improvement of polyketides in Streptomyces”</i>	
12:05 – 12:30 IL-18	Dr. Srihari Pabbaraja , CSIR-IICT, Hyderabad Title: <i>“Natural Product Inspired Diversity Oriented Synthesis of Spirocyclic Molecules”</i>	

Session VII 12:30 – 13:30	Chemical biology in non-invasive imaging and diagnostics Chairmen: TBA & TBA
12:30 – 12:55 IL-19	Prof. Young-Tae Chang , POSTECH, Korea Title: <i>“Universal platform for cell selective probe development”</i>
12:55 – 13:20 IL-20	Dr. Ch. Murali krishna , NCI, NIH, USA Title: <i>“MRI Imaging Biomarkers to Guide Treatment in Tumors”</i>
13:20 – 14:00	Lunch break
Session VIII 14:00 – 15:40	RNA therapeutics Session Chairs: TBA & Dr. S. Ramakrishna
14:00 – 14:25 IL-21	Dr. Ruth Brenk , University of Bergen, Norway Title:
14:25 – 14:50 IL-22	Dr. Souvik Maiti , CSIR-IGIB, New Delhi, India Title: <i>“Interfering with Interference: targeting the microRNA”</i>
14:50 – 16:30 Short talks	Ten Oral presentations /short talks, each 10 mins (Selected from abstracts by poster session committee members. Three best oral presentation awards will be selected for awards sponsored by publishers Session Chairs: TBA Jury: 5 member committee will evaluate the presentations.
16:30 – 18:30	Tea Break and poster presentation
19:00 on wards	Gala Dinner

DAY – 3	4th November	Venue: CSIR-IICT Auditorium
8:30 AM onwards	Registration	
Session IX 0900 – 10:15	Chemical tools targeting bio-macromolecules Session Chairs: Dr. Douglas Auld & TBA	
9:00 – 09:25 IL-23	Prof. M. Hagiwara , Kyoto, Japan Title: <i>“Drug Discovery for Genetic Diseases Caused by Aberrant mRNA Splicing”</i>	
09:25 – 09:50 IL-24	Prof. Aseem Z. Ansari , University of Wisconsin-Madison, WI, USA Title:	
09:50 – 10:15 IL-25	Motonari Uesugi , Kyoto, Japan Title: <i>“Synthetic Molecules That Control Energy Metabolism”</i>	
10:15 – 10:30	Tea Break	
Session X 10:30 – 12:15	Reverse pharmacology & Emerging topics in chemical biology Chairmen: Dr. Arabinda Chaudhuri & Dr. Ratnam Chaguturu	
10:30 – 10:55 IL-26	Prof. Ashok D.B. Vaidya , Kasturba Health Society-Medical Research Centre, India. Title: <i>“Traditional Medicine and Reverse Pharmacology: A Platform of Drug Discovery Research”</i>	
10:55 – 11:20 IL-27	Dr. Saman Habib , CSIR-CDRI, Lucknow, India Title: <i>“Differential targeting and altered functionalities of organellar ribosome assembly and DNA repair enzymes of Plasmodium falciparum”</i>	

11:20 – 11:45 IL-28	Dr. Siddhesh S Kamat , IISER, Pune Title: <i>“An Integrated Lipidomics and Chemoproteomics Platform for Enzyme Function Annotation”</i>
Session XI 11:45 – 13:00	Rising Star session (Award lectures) Chairman: Dr. Tom Pfeifer & Dr. Siddhartha Roy
11:45 – 12:10 RSL-01	Dr. Robert Spitale , University of California, Irvine, USA Title: TBA
12:10 – 12:35 RSL-02	Dr. Arun Kumar Shukla , IIT, Kanpur, India Title: <i>“Structure, function and modulation of G Protein-Coupled Receptors”</i>
12:35 – 13:00 RSL-03	Dr. Shengying Li , Shandong University, China Title: <i>“Enzyme, substrate, and redox partner engineering of microbial cytochrome P450 enzymes”</i>
13:00 – 14:00	Distribution of awards and Concluding session Lunch Break

Session XII 14:00 – 16:00	CBS (I) Session on “Recent trends in Chemical Biology” Session Chairs: TBA
14:00 – 14:10	Welcome remarks and Address by President, CBS (I)
14:10 – 14:50 Distinguished Lecture DL-01	
14:50 – 15:15 IL-29	Dr. Sanjay Malhotra , Stanford, USA Title: <i>“Pharmacological inhibition of novel GTPase overcomes treatment resistance”</i>
15:15 – 15:40 IL-30	Prof. Ruchi Anand , Indian Institute of Technology Bombay, India Title: TBA
15:40 – 16:05 IL-31	Dr. Chandrima Das , Saha Institute of Nuclear Physics, Kolkata India Title: TBA
16:05 – 16:30 IL-32	
16:30 - 17:00	Tea Break
17:00 – 17:45	Panel discussion
17:45 – 18:00	Concluding session and formal closing of ICBS-2019
18:00 – 19:00	CBS (I) Business meet (GB and EC meetings) closed door meeting
19:00 onwards	Dinner