

<i>SECTION</i>		NEW BIOLOGY (INCLUDING BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY AND BIOTECHNOLOGY)
Sectional President		Dr. Chinmay Kumar Panda , Department of Oncogene Regulation, Chittaranjan National Cancer Institute, Kolkata
Sectional Secretary		Dr. Neeta Raj Sharma , School of Bio Engineering and Biosciences, Lovely Professional University, Jalandhar
Sectional Recorder		Dr. Sandipan Chatterjee , Regional Centre for Extension and development-Kolkata, CSIR-Central Leather Research Institute, Kolkata
January 04, 2019		
14:00 – 18:00		
SECTIONAL COMMITTEE MEETING		
Venue	:	<i>Block 32 Room No:413 (Adminidtration-II Building)</i>
Presidential Address	:	Dr. Chinmay Kumar Panda , Department of Oncogene Regulation, Chittaranjan National Cancer Institute, Kolkata <i>Emergence of Precision Medicine Through Systems Biology in Oncology: A Step Forward in Modern Biology</i>
Platinum Jubilee Lecture	:	Dr. SibSankar Roy , CSIR – Indian Institute of Chemical Biology, Kolkata <i>Cancer Metabolism and Metabolic Modulator</i>
Invited Lecture	:	IL-I.01: Dr. Manoj K. Bhasin , Harvard Medical School (HMS), Boston, USA <i>Big Data and Omics approach paving the way for marker & drug discovery</i>
Award Lectures : Prof S S Katiyar Endowment Lecture	:	Prof. Mahitosh Mandal , School of Medical Science and Technology, IIT, Kharagpur, Kharagpur <i>Deciphering the molecular mechanisms of carcinogenesis and chemo-resistance for development</i>

<p>Prof Uma Kant Sinha Memorial Award Lecture</p>	<p><i>ofsmart cancer therapeutics.</i></p> <p>Dr.Vijay Kumar Prajapati,Department of Biochemistry, Central University of Rajasthan, Ajmer, Rajasthan.</p> <p><i>Evaluation of immunogenicity of the engineered multi-epitope subunit vaccine against visceral leishmaniasis infection</i></p>
<p>Young Scientist Award Presentations</p>	<p>Sandeep Kumar Vishwakarma, Centre for Liver Research and Diagnostics, Deccan College of Medical Sciences, Kanchanbarg, Hyderabad</p> <p>Ranjan Kumar Pandey, Dept. of Biochemistry, School of Life Sciences, Central University of Rajasthan, Bandarsindri, Kishangarh, Ajmer</p> <p>Debasish Paul, Cancer Biology Division,NCCS Complex, SP Pune University Campus,Ganeshkhind Road, Pune, Maharashtra</p> <p>Anjali Sharma, ESCO Trace Element Satellite Center,School of Studies in Zoology,Jiwaji University, Gwalior, M.P. Pin</p> <p>Shalini Srivastava, Indian Institute of Technology, Bombay, Powai</p> <p>Shasank Sekhar Swain, Central Research Laboratory, Institute of Medical Sciences and SUM Hospital, Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar, Odisha</p>
<p>SECTIONAL COMMITTEE ELECTION</p>	
<p>January 05, 2019</p>	
<p>Time: 14:00 – 18:00</p>	
<p>Venue</p>	<p>:</p> <p><i>Block 32 Room No:413 (Adminidtration-II Building)</i></p>
<p>14:00 – 17:00 Symposium-I : System Biology and targeted drug discovery</p>	
<p>Invited Lectures</p>	<p>IL-I.02: Dr. B.P.Chatterjee, Department of Natural</p>

	<p>Sciences, Maulana Abul Kalam Azad University of Technology, Salt Lake City, Kolkata</p> <p><i>In quest of phosphoproteins as biomarker of liver Disease</i></p>
	<p>IL-I.03: Prof. Hafiz Ahmed, GlycoMantra Inc., Biotechnology Center at the University of Maryland Baltimore County, Baltimore, Maryland, USA</p> <p><i>Development of high affinity galectin-3 antagonists for the treatment of cancer and fibrosis</i></p>
	<p>IL-I.04: Prof. Rama S. Verma, Stem Cell and Molecular Biology Laboratory, Department of Biotechnology, Indian Institute of Technology Madras, Chennai TN</p> <p><i>Sensitizing Cancer Cells Increase the Efficacy of Cell Death: Curcumin potentiates TRAIL-induced apoptosis in Leukemia through modulation of death receptors and anti-apoptotic proteins.</i></p>
	<p>IL-I.05: Dr. Bishwajit Kundu, Kusuma School of Biological Sciences, IIT Delhi, Hauz Khas, New Delhi</p> <p><i>L -asparaginase plays key role in intracellular survival of Leishmania donovani and confers early resistance to front line drug Amphotericin B</i></p>
	<p>IL-I.06: Prof. Bidyut Roy, Human Genetics Unit, Indian Statistical Institute, 203 B.T. Road, Kolkata</p> <p><i>Integrated analysis of whole exome mutation and expression uncovered clinical importance of TLR-activated MAP-Kinase signaling in oral cancer</i></p>
	<p>IL-I.07: Dr. Partha Pratim Bose, Amity University, Noida, Uttar Pradesh, India</p> <p><i>Visual Detection of Leishmania donovani and Leptomonas seymouri in Co-Infected Samples by Their Specific DNA Biomarker and Gold Nanoparticle</i></p>
	<p>IL-I.08: Dr. Asimul Islam, Center for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia Central University, Jamia Nagar, New Delhi, India</p> <p><i>Studies of Conformation and Conformational Stability</i></p>

		<i>of Proteins in Crowded Environment</i>
		IL-I.09: Prof. Sujata Ghosh , Postgraduate Institute of Medical Education & Research, Chandigarh, India <i>Anticancer activity of Maackiaamurensis agglutinin</i>
		IL-I.10: Prof. Shalmoli Bhattacharyya , Postgraduate Institute of Medical Education & Research, Chandigarh <i>Stem cell therapy to secretome: paradigm shift in regenerative medicine</i>
17:00 – 17:10	Tea Break	
17:10 – 18:00	Oral Presentations	
Oral Presentations		OP-I.01: Dr. Asit kumar Chakraborty , Oriental Institute of Science and Technology (OISC), Vidyasagar University, West Bengal, India <i>Mechanisms of AMR: Creation of diversified and activated MDR genes in superbug conjugative plasmids and chromosomes including target mutations, all are to protect gut microbiota that synthesis vitamins</i>
		OP-I.02: Prof. (Dr.) Rajni Singh , Amity University, Noida, India <i>Challenges and Role of Nanoparticles as alternatives in Antibiotic Resistance</i>
		OP-I.03: Dr. Surupa Basu , Institute of Child Health, Kolkata <i>Approaches to study Celiac Disease in West Bengal</i>
		OP-I.04: Dr. Himanshu Khajuria , Amity University, Noida, Uttar Pradesh <i>Role of MSCs in Immunomodulation</i>
Concurrent Poster Session –I (P-I.01 to P-I.37) Block 32, 4thFloor Corridor		
January 06, 2019		

14:00 – 18:00		
Venue	:	<i>Block 32 Room No:413 (Adminidtration-II Building)</i>
14:00 – 17:00 Symposium-I : System Biology and targeted drug discovery		
Invited Lectures		<p>IL-I.11: Dr. Seema Mattoo, Purdue University, West Lafayette, IN. 47907, USA</p> <p><i>From Bacteria to Humans - Fic proteins in Cellular Signaling</i></p>
		<p>IL-I.12: Dr. N.P. Bhattacharyya, Maulana Abul Kalam Azad University of Technology, Kolkata</p> <p><i>Molecular, biochemical and cellular complexities in Huntington's disease: a Mendelian Genetic Disease</i></p>
		<p>IL-I.13: Prof. Pranab Roy, Institute of Child Health, Kolkata</p> <p><i>Microbial plant growth promoters: A novel agricultural practice</i></p>
		<p>IL-I.14: Dr. Mukesh Nandave, Delhi Pharmaceutical Sciences and Research University (DPSRU), New Delhi</p> <p><i>The Role of Omics in Personalized Medicine: A Review of Outcomes in Cardiovascular Diseases</i></p>
		<p>IL-I.15: Dr.Sujata Mohanty, AIIMS, New Delhi</p> <p><i>Unravelling the potential of regenerative medicine: the modern era</i></p>
		<p>IL-I.16: Dr. Dipak Dutta, CSIR-Central Drug Research Institute, Lucknow, India</p> <p><i>Epigenetic Modulator EZH2 alters metastatic landscape of Breast Cancer</i></p>
		<p>IL-I.17: Dr. Kaushal K. Srivastava, INASS, New Delhi, India</p> <p><i>Biological Stress and Adaptogens</i></p>
		<p>IL-I.18: Dr. Thuppil Venkatesh, St. John's Medical College Bangalore</p> <p><i>Current scenario of 100% preventable lead poisoning</i></p>

		<i>in developing countries with special reference to India</i>
		IL-I.19: Dr. Jhuma Ganguly , Indian Institute of Engineering Science and Technology, Shibpur, West Bengal, India <i>Development of Functional Microgels for Bio-inspired application</i>
17:10 – 18:00 Oral Presentations		
Oral Presentations		OP-I.05: Prof. A. Dinakar Rao , Pondicherry University, Puducherry, India <i>Identifying small molecule inhibitors from ChemDiv Database for h-AChE enzyme, using computational approaches: Relevance to Alzheimer's diseases</i>
		OP-I.06: Dr. M Venkata Reddy , S.K.University, Anantapuramu, Andhrapradesh, India <i>Gender dependent effect of adrenalectomy on the energetics in the epididymis of male and uterus of female albino rats (Rattus Norvegicus Albinus)</i>
		OP-I.07: Dr. G. Dhanavathy , SRM Institute of Science and Technology, Kanchepuram, India <i>Molecular mechanism of swertiamarin in insulin resistant cells</i>
		OP-I.08: Dr. Sudeshna Shyam Choudhury , St.Xavier's College, Kolkata, India <i>Up-regulation of secondary antioxidant metabolites in Darjeeling grown tea clones under natural and artificial UV radiation exposure</i>
		OP-I.09: Dr. Syed Mohammed Shoaib , Maulana Azad National Urdu University, Gachibowli, Hyderabad, India <i>Studies on Turbidity of Surrogacy Women's Blood</i>
Concurrent Poster Session – I (P-I.38 to P-I.75) Block 32, 4th Floor Corridor		
January 07, 2019		
14:00 – 15:00		
Venue	:	Block 32, Room No 413

		(Adminidtration-II Building)
Symposium-I : System Biology and targeted drug discovery		
Oral Presentations		
Oral Presentations		<p>OP-I.10: Arunima Guha, St. Xavier's College, Kolkata</p> <p><i>Microbial shield against potential metagenesis in Ciceraerutinum</i></p>
		<p>OP-I.11: Deepanshu Rana, Gurukula Kangri University, Haridwar, Uttarakhand, India.</p> <p><i>Antimicrobial screening and production of bioactive metabolite from gut bacteria isolated from cow dung against bacteria of medical importance</i></p>
		<p>OP-I.12: Malabika Pandit, Clinical laboratory, Department of Biochemistry, Kolkata</p> <p><i>Role of an algae on carbon cycle</i></p>
		<p>OP-I.13: Dr. Asha Gupta, Govt. Meera Girls College, Udaipur , Rajasthan</p> <p><i>Need to embed emerging interdisciplinary frontiers of nanobiotechnology in core curricula of Indian universities and collegiate science</i></p>
		<p>OP-I.14: Madhumita Maitra, St. Xavier's College, Kolkata</p> <p><i>Defining the normal microflora of oral cavity in different age groups</i></p>
		<p>OP-I.15: Suvam Das Gupta, Sports Authority of India, North East Regional Centre, Imphal, Manipur</p> <p><i>Iron Status of Female Youth Boxing National Campers of India</i></p>
PARALLEL SESSION		
14:00 – 15:00		
Venue	:	Block 33, Room No 402B
Symposium-II : Modern Biology and precision medicine		
Oral Presentations		
Oral Presentations		<p>OP-II.10: Harishankar Mahto, Central University of Jharkhand, Ranchi, Jharkhand, India</p>

		<i>Association of Interleukin-6 promoter polymorphism (-174G/C) with Systemic Lupus Erythematosus</i>
		OP-II.11: Dr. Santosh K Dasika , Andhra University, North Campus, Visakhapatnam, Andhra Pradesh <i>A Kinetic Model for Medium Chain Acyl CoA Dehydrogenase</i>
		OP-II.12: Dr. Rambir Singh , Bundelkhand University, Jhansi, INDIA <i>Identification of immunodominant proteins from Aspergillus fumigatus having application in diagnosis and therapy of aspergillosis</i>
		OP-II.13: Dr. D Palanimuthu , Bharathidasan University, Tamil Nadu, India <i>Isolation and Identification of Aspergillus terreus from Mangroves Root Soil Sediment on Molecular Assay</i>
		OP-II.14: Ramesh Kumar , University of Allahabad, Allahabad, India <i>Protective effect of Callistemon lanceolatus extract in alloxan induced diabetes in albino Wistar rats</i>
		OP-II.15: Dr. Jagdish Singh , Mata Gujri College Fatehgarh Sahib Punjab, India <i>Phyllanthusembilica leaves extract: a potential amylase enzyme inhibitor with antioxidant and antimicrobial activity</i>
		OP-II.16: Vaishali Gupta , St. Xavier's College, Kolkata <i>Synbiotic effect of pre-biotic inulin and probiotic Saccharomyces boulardii on gut microorganisms</i>

GENERAL DISCUSSION AND RECOMMENDATIONS