

SECTION		NEW BIOLOGY (INCLUDING BIOCHEMISTRY, BIOPHYSICS, MOLECULAR BIOLOGY AND BIOTECHNOLOGY)
Sectional President		Prof. U.C. Banerjee , NIPER, S.A.S Nagar
Local Sectional Secretary		Dr. Avinash Sonawane , KIIT, Bhubaneshwar
Sectional Recorder		Dr. Sibasankar Roy , IICB, Kolkata
January 04, 2012		
14:00 – 17:30		
Venue	:	Campus-5, Hall 9, KIIT University
Presidential Address		U.C. Banerjee , NIPER, S.A.S Nagar <i>Application of enzymes and whole cells for the enantiomeric synthesis of chiral drugs and drug intermediates</i>
Platinum Jubilee Lecture		Gopal Kundu , NCCS, Pune <i>Osteopontin: A key therapeutic target in cancer</i>
Young Scientist Award Presentation		Sanjit Mukherjee , IICB Kolkata <i>Accociation and effect of NQ01 C609T (Pro187Ser) polymorphism on protein expression and risk of oral submucous fibrosis among eastern Indian population</i>
Umakant Sinha Memorial award:		Neel Sarovar Bhavesh , ICGEB, New Delhi <i>Synergy of NMR and X-ray for studies of protein complexes</i>
Invited Lectures		K K Bhutani , NIPER, S.A.S Nagar <i>Innovations vis-à-vis drug discovery from natural products and traditional medicines</i>
		Asano , Prefectural university, Japan <i>Development of enzymes for industrial and diagnostic uses</i>
SECTIONAL COMMITTEE ELECTION		

January 05, 2012		
14:00 – 17:30		
Venue		Campus-5, Hall 9, KIIT University

S.S. Katiyar Endowment lecture:	Chitra Mandal, IICB, Kolkata <i>A glycoproteomic approach: for future diagnosis and therapy in leukemia</i>
Symposium: Biocatalysis, molecular engineering and nanotechnology in drug discovery	
Invited Lectures	Sachdeva Sidhu, University of Toronto, Canada <i>Synthetic antibodies : new tools for new biology</i>
	G.B. Jena, NIPER, S.A.S Nagar <i>Role of new biology in risk assessment process: prospects, paradigms and problems</i>
	Andreas Stolz, Universität Stuttgart, Germany <i>Construction of recombinant whole cell catalysts expressing a bacterial nitrilase for the enantioselective synthesis of carboxylic acids and carboxamides</i>
	Sudarsan Dash, New Delhi <i>Fulbright-Nehru Fellowship opportunities to the U.S. (teaching, research and professional development in the USA)</i>
Invited Lectures/ Oral Presentations	
Invited lectures	
	Shreedhara Gupta, Heritage Institute of Technology, Kolkata <i>Biosynthesis of unsaturated fatty acids in Trypanosoma brucei: characterization and validation as a drug target</i>
	Ashok Kaul, IIT, Kanpur <i>Biomaterials in tissue engineering and regenerative medicine applications</i>
	Raja Banerjee, W.B. University of Technology, Kolkata <i>Design of anion recognition short peptide scaffold: a biocomputational approach</i>
Oral Presentation	Aniruddha Banerji, St. Xavier's College, Kolkata <i>Role of $\alpha 5\beta 1$ integrin (fibronectin receptor) in modulation of MMP-9 and MMP-2 activity in A375 melanoma cells</i>
	Upma Bagai, Panjab University, Chandigarh <i>Antimalarial efficacy of homeopathic drugs Artemisia vulgaris and Curcuma Longa against Plasmodium Berghei in Balb/c Mice</i>

	<p>Gulshan Wadhwa, Ministry of Science & Technology, New Delhi <i>An In Silico approach of hyperthermia in the treatment of epithelial ovarian cancer</i></p>
	<p>Panchanadam Sachdanandam, University of Madras, Chennai <i>Biochemical evolution of anticancer efficacy of Shemamruthaa (a Phytochemical formulation) on 7,12-dimethylbenz[a]anthracene induced mammary carcinoma in rats.</i></p>
Concurrent Poster Session –I (1-85 posters)	

January 06, 2012	
14:00 – 17:30	
Venue	Campus-5, Hall 9, KIIT University
Symposium: New drug development and protein therapeutics	
Invited Lectures	
	<p>Tapan Chaudhary, IIT, Delhi <i>Chaperone assisted protein folding reactions and their application</i></p>
	<p>Nakul Maiti, IICB, Kolkata <i>Structure of protein oligomers by Raman microscopy</i></p>
	<p>Fleissner, Goethe University, Germany <i>Seeing Moon-time: non visual photoreceptors in a marine midge</i></p>
	<p>Sujata Ghosh, PGI, Chandigarh <i>Potential importance of GRP 78 in Giardia lamblia - toxin induced signal transduction</i></p>
	<p>Subharta Sinha, NBRC, Gurgaon <i>Transcriptional gene silencing as a therapeutic modality</i></p>
	<p>Ishan Patro, Jiwaji University, Gwalior <i>Pharmacologically controlled microglial activation promotes adult neurogenesis following neuronal damage</i></p>
Invited Lectures/ Oral Presentations	
Invited Lectures	<p>Balaram Ghosh, IGIB, Delhi <i>Usage of microRNA as a novel therapeutic strategy in Asthma</i></p>
	Uma Rao , IARI, Delhi

	<i>Genomic resources for the management of plant parasitic nematodes</i>
	Vijay Kumar , ICGEB, Delhi <i>Epigenetic control of origin licensing during mammalian DNA replication</i>
Oral Presentation	Dr. Manoj kumar , Serum Institute, Pune <i>Use of monoclonal antibodies in identification and quantification of Pneumococcal polysaccharides by rate nephelometry</i>
	Nemade S.P, Akola , Shivaji College of Arts, Commerce and Science, Akola <i>Antimicrobial peptides an alternate therapeutical approach to combat multi drug resistance disasters</i>
	Vinod Kumar Gupta , Visva-Bharti University, Santiniketan <i>Phytochemical contents and antimicrobial activity of Solanum sisymbriifolium extracts</i>
Concurrent Poster Session –II (86-171 posters)	

January 07, 2012	
14:00 – 16:00	
Venue	Campus-5, Hall 9, KIIT University
Symposium: Drug discovery and drug resistance	
Invited Lectures	H. R. Das , IGIB, New Delhi <i>Evaluation of anti arthritic drugs on CIA animal model</i>
	S.P. Bhunya , Bhubaneswar
	Tapas K. Kundu , JNCASR, Bangalore <i>Epigenetic modifications in transcription regulation: Implications in therapeutics</i>
	Madhubala Rentala , JNU, New Delhi <i>Molecular events underlying drug susceptibility/resistance in L. Donovanii: what can be seen from the proteomics point of view?</i>
	Rup Lal , Delhi university, Delhi <i>Swapping acyl transferase domain of module six within rifamycin polyketide synthase gene cluster of Amycolatopsis mediterranei S699 with acyl transferase domain of module two of Streptomyces hygroscopicus to produce rifamycin B analog: 24-desmethylrifamycin B</i>
Invited Lectures/ Oral Presentations	
Invited Lectures	
	R H Das , Indraprastha University, Delhi

	<p>S. P. Adhikary, Visva-Bharti University, West Bengal <i>Seaweeds (Marine Macro-Algae) of Orissa coast and their utilization for production of Agar Agar, UV-sunscreen compounds and SLF</i></p>
	<p>Avinash Sonawane, KIIT, Bhubaneswar <i>Nanobead-based interventions for the treatment of bacterial infections</i></p>
	<p>Rajendra Prashad , JNU, Delhi <i>Multidrug resistance: from microbes to men</i></p>
<p>GENERAL DISCUSSION AND RECOMMENDATIONS</p>	