	January 30, 2011		
7.30 -9.00		ISTRATION	
	Stein Auditorium, India Habitat Center, Lodi Road, New Delhi		
	Opening Ceremony		
	Vijayan M, Ramasamy T, Deka R.C, Nagayama K, Peng B,		
	Rao Mohan Ch, Jagannathan N.R		
9.00-10.20			
	Chair: Govil G.		
	Plenary	Lecture (PL) - 1:	
	Vijayan M. : Effect of hydration on the plasticity, stability and action of proteins		
10.20-10.45		ee/Tea break	
	Stein Auditorium	Gulmohar Hall	
	Symposia- 1: Membranes Structure	Symposia-2: - Neurobiophysics, Biophysics	
	& Dynamics and Membrane	& Diseases	
	Proteins	Chairs: Basak S & Nishizaka T	
	Chairs: Maiti M & Bhakuni V		
10.45-11.15	IL1 - Kingo T	IL4 - Liang P	
10.45-11.15	Real-time observation of protein-	Spatiotempral Patterns of Retinal Ganglion	
		Cells Activity Encode Visual Information	
	induced robust tubulation of giant	Cells Activity Encode visual information	
11 15 11 15	vesicle		
11.15-11.45	IL2 - Rao Mohan Ch	IL5 - He J	
	Unusual Temperature-dependent	Corticofugal modulation in the auditory	
	Aggregation of Copper bound Prion	thalamus	
	Protein		
11.45-12.15	IL3 - Kim H Ah	IL6 - Griffiths J R	
	Insertion of model transmembrane	Tumour Hydrogen Ion Movement and	
	helices into the mitochondrial inner	Tumour pH – Insights from in vivo Magnetic	
	membrane	Resonance Studies	
12.15-12.30	ABA-TA-1 –Imai T	ABA-TA-2- Kuramochi M	
12.30-12.45	O1-Chakraborty S	O2- Xia J	
12.45-15.45	LUNCH		
		and	
	POST	ER VIEWING	
	Chairs: Chatterjee B.P,	Sanyal S.N and Aravamudhan S	
	Coffee/Tea break		
	Symposia-3: Bioinformatics	Symposia-4: Ion Channel & Receptors-I	
	Chairs: Jayaram B & Kumar Surat	Chairs: Mishra PC & Huang Pingbo	
15.45-16.15	IL7 - Yura K	IL10 - Martinac B	
	The interwinding nature of protein	Open-channel structure of MscL determined	
	interfaces and its implication for	from FRET spectroscopy and molecular and	
	oligomer formation	Brownian dynamics simulations	
16.15-16.45	IL8 - Lyu Ping-Chiang	IL11 - Yao X	
	SARST - Structural similarity search	TRPC5 is a pressure-sensor in aortic arch	
	Aided by Ramachandran Sequential	baroreceptors	
	Transformation		
16.45-17.15	IL9 - Jayaram B	IL12 - Choe H S	
	Gene to Drug in Silico: Physico-	Docking of drugs to HERG channel	
	Chemical Glimpses into Biology		
17.15-17.30	O3- Krishna Deepak	ABA-TA-3-Nomura T	
1/.13-1/.30		ABA-TA-4- Hema Chandra K	
	O4-Liu Pingsheng		
17.30-17.45	O4-Liu Pingsheng Coff		
17.30-17.45 17.45-18.00	Coff	ee/Tea break	
17.30-17.45	Coff Cha	ee/Tea break ir: Saran A	
17.30-17.45 17.45-18.00	Coff Cha Plenary	ee/Tea break ir: Saran A Lecture (PL)– 2:	
17.30-17.45 17.45-18.00	Coff Cha Plenary Tsai Ming-Daw: Structure and Mec	ee/Tea break ir: Saran A Lecture (PL)– 2: hanism of a Viral DNA Polymerase with G:G	
17.30-17.45 17.45-18.00 18.00-18.40	Coff Cha Plenary Tsai Ming-Daw: Structure and Mec S	ee/Tea break ir: Saran A Lecture (PL)– 2: hanism of a Viral DNA Polymerase with G:G Specificity	
17.30-17.45 17.45-18.00 18.00-18.40 18.45-19.30	Coff Cha Plenary Tsai Ming-Daw: Structure and Mec S IBS Gene	ee/Tea break ir: Saran A Lecture (PL)– 2: hanism of a Viral DNA Polymerase with G:G specificity eral Body Meeting	
17.30-17.45 17.45-18.00 18.00-18.40	Coff Cha Plenary Tsai Ming-Daw: Structure and Mec S IBS Gene Felicitati	ee/Tea break ir: Saran A Lecture (PL)– 2: hanism of a Viral DNA Polymerase with G:G Specificity	

	January 31, 2011		
	Stein Auditorium		
9.00-9.40	Chair: Hosur R.V Plenary Lecture – 3:		
0.40.10.20	Mark A E: Peptides and Proteins in Action		
9.40-10.20		ry Lecture – 4:	
10.20-10.45		control Drosophila larval light preference	
10.20-10.43	Stein Auditorium	Gulmohar Hall	
	Symposia-5: Protein Structure & Dynamics-I	Special Symposium – I Cancer Biology & Imaging	
	Chairs: Velmurugan D & Norton R	Chairs: Eswaran K.R.K & Griffiths J.R	
10.45-11.15	IL13 - Hambly B D	IL15 - Tseng WY	
	Cardiac myosin binding protein - C	Application of diffusion EPI to brain, heart	
	hypertrophic cardiomyopathy	and cancer imaging	
	mutations alter structure, F-actin		
	binding and phosphorylation		
11.15-11.45	IL14 - Okamoto Y	IL16 - Setou M	
	Computer Simulations of	Multi Dimensional Mass Spectrometry Data	
11.45-12.15	Biomolecular Systems	Analysis IL17 - Boesch C H	
11.45-12.15	ABA-TA-5-Kumar Kavya K ABA-TA-6- Kumar D	MR Spectroscopy of skeletal muscle	
	ADA-TA-0- Kullar D	metabolism	
12.15-12.45	ABA-TA-7- Haldar Shubhasis	IL18 - Komoroski R A	
	ABA-TA-8- Naik Mandar T	Measuring Lithium and Its Effects in Brain in	
		Vivo by ⁷ Li, ²³ Na, ¹ H, and ³¹ P MRI/MRS	
12.45-13.45		LUNCH	
	Symposia-6: Nucleic Acids and	Symposia-7: DNR, RNA & Cell Motility,	
	Binding Proteins	Single Molecular Biophysics & Others	
	Chairs: Barthwal R & Chou Shan- Ho	Chairs: Chary K.V.R & He Jufang	
13.45-14.15	IL19 - Roy S	IL22 - Jiang Xingyu	
15.45 14.15	A Genetic Network that Balances	Micro/nano-scale tools for understanding	
	Stability and Induction of Prophage is	cellular biophysics	
	Underpinned by Asymmetric		
	Recognition of Operator Sites		
14.15-14.45	IL20 - Sankaranarayanan R	IL23 - Mallik R	
	Mechanistic insights into	Stretching the Endosome: A story of two	
	proofreading during translation of the	Motors	
14.45-15.15	genetic code IL21 - Gautham N	IL24 - Zhang X	
17.17-17.17	DNA crystallography - some recent	Fast and Sensitive Measurement of Cancer	
	results	Biomarker -Yesterday, Today and Tomorrow	
15.15-15.30	O5- Kaushik Shikha	O7- Rajeswari M.R	
15.30-15.45	O6- Barthwal R	O8- Senthil Kumar D.K	
	Transport to AIIMS		
17.00-18.30	Public Popular Lecture by P	rof. Yonath Ada, Nobel Laureate on	
		ng Ribosomes"	
		f Medical Sciences at 5.00 pm	
		Krishan Lal, President,	
		ce Academy (INSA), N. Delhi	
		y Jagannathan N.R	
	Introduction by Singh T.P Felicitation to Yonath Ada by Deka R.C		
18.30-19.00	High Tea		
19.00-20.30	Free Evening		
	The Evening		

	February 1, 2011			
0.00.10.53		n Auditorium		
9.00-10.20		by Prof. Ada Yonath, Nobel Laureate		
	"From collagen to striking structure of ribosomes"			
		Welcome: Jagannathan N.R		
		R Speaker by Singh T.P (Chair)		
10 00 10 15	Felicitation by IBS (Rao Mohan Ch)			
10.20-10.45	Coffee/Tea break			
	Stein Auditorium	Gulmohar Hall		
	Symposia-8: Protein Structure &	Symposia-9: Drug Design & Delivery		
	Dynamics-II	Chairs: Kumar Suresh & Jiang X		
	Chairs: Chauhan VS & Huang T			
10.45-11.15	IL25 - Kini Ma	IL28 - Wilce J A		
	Structure of thrombin-variegin	Targeting the Grb7-SH2 domain in breast		
	complex and design of short, potent	cancer		
	inhibitor of thrombin			
11.15-11.45	IL26 - Zhu G	IL29 - Art Cho		
	Characterization and structure	QM/MM Methods in Drug Discovery		
	determination of the Cdt1 binding			
	domain of human minichromosome			
	maintenance (Mcm) 6			
11.45-12.15	IL27- Hsiao C D	IL30 - Chang T W		
	Crystal structure of Get4/Get5	Rational design of IgE-targeting antibodies		
	complex involved in tail-anchored	for treating severe asthma and allergy		
	protein targeting and its interactions			
	with Sgt2, Get3 and Ydj1			
12.15-12.30	O9- Karthe P	O11- Kanyalkar M		
		-		
12.30-12.45	O10- Norton R S	O12- Yang C H		
12.30-12.45 12.45-15.45	O10- Norton R S	O12- Yang C H LUNCH		
		LUNCH and		
	POST	LUNCH and FER VIEWING		
	POST	LUNCH and		
	POST	LUNCH and FER VIEWING		
12.45-15.45	POST Chairs: Chatterjee B.P, Cof	LUNCH and TER VIEWING Sanyal S.N and Aravamudhan S fee/Tea break		
	POST Chairs: Chatterjee B.P, Cof Chai	LUNCH and FER VIEWING Sanyal S.N and Aravamudhan S <u>fee/Tea break</u> r: Nagayam K		
12.45-15.45	POST Chairs: Chatterjee B.P, <u>Cof</u> Chai Plenary	LUNCH and FER VIEWING Sanyal S.N and Aravamudhan S fee/Tea break r: Nagayam K Lecture (PL) –5:		
12.45-15.45	POST Chairs: Chatterjee B.P, Cof Chai Plenary Lee Weontae: Structural B	LUNCH and TER VIEWING Sanyal S.N and Aravamudhan S fee/Tea break r: Nagayam K Lecture (PL) –5: iophysics on Human Disease Proteins		
12.45-15.45	POST Chairs: Chatterjee B.P, Cof Chai Plenary Lee Weontae: Structural B Special Symposium – II:	LUNCH and TER VIEWING Sanyal S.N and Aravamudhan S fee/Tea break r: Nagayam K Lecture (PL) –5: iophysics on Human Disease Proteins Symposia-10: Ion Channel & Receptors - II		
12.45-15.45	POST Chairs: Chatterjee B.P, Cof Chai Plenary Lee Weontae: Structural B Special Symposium – II: Cancer Biology & Imaging	LUNCH and TER VIEWING Sanyal S.N and Aravamudhan S fee/Tea break r: Nagayam K Lecture (PL) –5: iophysics on Human Disease Proteins Symposia-10: Ion Channel & Receptors - II and Proton & Ion Pumping		
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	February 2, 2011		
	Stein Auditorium		
9.00-9.40	Chair: Majumdar R		
		Lecture (PL) – 6:	
	Sokabe M: Biophysical and Evolutional Aspects of Cell Mechanosensing by Mechanosensitive ion channels		
9.40-10.20	Plenary Lecture (PL) – 7:		
	Peng B: Molecular Orchestration in the Assembly of the Synaptic Apparatus		
10.20-10.45	Coffee/Tea break		
	Stein Auditorium	Gulmohar Hall	
	Symposia-11: Protein Structure &	Symposia-12: Imaging & Bioengineering	
	Dynamics-III	Chairs: Raghunathan P & Liu P	
	Chairs: Ahmed F & Kang Y K		
10.45-11.15	IL37 - Gokhule R	IL40 - Thomas A M	
	Structural and functional insights into	Novel multi-dimensional magnetic resonance	
	the dichotomy of fatty acid activation	spectroscopic imaging in vivo	
	in Mycobactarium tuberculosis		
11.15-11.45	IL38 - King G F	IL41 - Cozzone P	
	ASAP-NMR: A High-Throughput	Beyond T1, T2 and FLAIR MRI. On the role	
	Pipeline for Rapid Protein Structure	of non conventional MRI for brain tumor	
	Determination	characterization	
11.45-12.15	IL39 - Katoka M	IL42 – Papineni Rao VL	
	High resolution neutron crystal	Advances in Noninvasive Multimodal	
	structure of photoactive yellow	Molecular Imaging: Sights on Drug Targeting	
	protein: Discovery of low barrier		
	hydrogen bond		
12.15-12.30	O13- Mandal S	O15- Nishizaka T	
12.30-12.45	O14- Vidyasagar PB	ABA-TA-9- Mazumdar N	
12.45-13.45	LUNCH		
13.45-14.00	Ratna Phadke Award Lecture (15 minutes)		
		ldar Sourav	
14.00-15.00	IBS Poster Award Lectures (6 x 10 minutes)		
15.00-15.30		A word Distributions	
13.00-13.30	ABA and IBS Award Distributions Chairs: Peng B, Rao Mohan Ch and Jagannathan N.R		
15.30-15.45	Presentation by Korea on the 8 th ABA		
15.45-16.00		ng Ceremony	
	(Peng B and Jagannathan N.R)		
16.00-16.30	High Tea		