

**2nd Indo-Japan Symposium on Bioinformatics
December 10th and 11th, 2010
IIT Delhi**

Day 1 (Dec. 10, 2010)

**SESSION - I (9:30 – 10:30) Venue: IRD Conference Hall, 8th Floor (MS Bldg) IIT Delhi
Chairman – Prof. Anurag Sharma, Chairman Golden Jubilee Committee, IIT Delhi**

9:30 –9:45 Welcome by Prof. B. Jayaram

9:45-10:00 Opening remarks by Secretary, DST / Dr. Rajeev Sharma, DST

10:00-10:15 Prof. K. Fukui, CBRC

10:15-10:30 Concluding remarks by Chairman

10:30-10:45 **Tea Break**

**SESSION-II (10:45-12:45) Venue: IRD Conference Hall, 8th Floor (MS Bldg) IITD
Chairman – Prof. James Gomes, IIT Delhi**

10:45-11:15 Dr. M. Gromiha, CBRC
Title: *Binding specificity and recognition mechanism of protein complexes*

11:15-11:45 Dr. S. Selvaraj, BARD
Title: *Analysis of conformation switching residues in protein-protein complexes*

11:45-12:15 Dr. K. Horimoto, Computational Biology Research Center, AIST
Title: *High-accuracy network analysis by systems biology approach*

12:15-12:45 Daiichi Sankyo India (formerly Ranbaxy)

LUNCH (12:45-13:45)

**SESSION - III (13:45-16:15) Venue: IRD Conference Hall, 8th Floor (MS Bldg) IITD
Chairpersons – Dr. M. Gromiha & Dr. S. Selvaraj**

13:45-14:15 Dr. K. Fukui, CBRC
Title: *Recognition Mechanism for Biomolecular Complexes using Grid computing*

14:15-14:45 Dr. W. Nemoto, CBRC
Title: *Network Analysis by Spatial Statistics*

14:45-15:15 Dr. K. Shimizu, CBRC
Title: *Functional analyses of intrinsic disorder from the view point of a protein-protein interaction network*

15:15-15:45 Prof. B. Jayaram, IIT Delhi
Title: *Recognition Mechanism of Biomolecular Complexes: A Computational Perspective*

15:45-16:15 Wipro/Sun Technologies

16:15-16:30 **COFFEE BREAK**

**SESSION - IV (16:30- 18:00) Venue: IRD Conference Hall, 8th Floor (MS Bldg) IITD
Chairpersons – Prof. K. Fukui and Prof. B. Jayaram**

16:30-17:00 Dr. R. Wadhwa, Biomedical Research Institute, AIST
Title: *Mortalin based cancer therapeutics: From screenings, bioinformatics to validation*

17:00-17:30 Dr. S. Kaul, Biomedical Research Institute, AIST
Title: *Molecular biology of Ashwagandha effects: From the bench and bioinformatics*

17:30-18:00 CBRC-IITD-BARD Collaboration: The way forward...

Banquet Dinner: Qutab Hotel (19:00-21:00)

Day 2 (Dec. 11, 2010)**SESSION - V (9:30 – 12:45); Venue: IRD Conference Hall, 8th Floor (MS Bldg) IITD**
Chairpersons: Dr. M. Gromiha and Dr. S. Kaul

09:30-10:00	Dr. Marcia Fenley , Florida State University Title : <i>DNA-Drug Interactions</i>
10:00-10:30	Dr. Remo Rohs , University of Southern California (<i>Keynote address</i>) Title : <i>The Role of DNA Shape in Protein-DNA Recognition</i>
10:30-11:00	Dr. Aditya Mittal , IIT Delhi Title: <i>Newest view of Protein folding</i>
11:00-11:15	Tea Break
11:15- 11:45	Dr. D. Sundar , IIT Delhi Title: <i>DNA-Protein Interactions</i>
11:45-12:05	Dr. Khushhali Menaria , MANIT, Bhopal Title: <i>In Silico</i> Functional Annotation of Partially sequenced genome of <i>Glycine max</i>
12:05-12:25	Dr. Prakash Chandra Mishra , GNDU
12:25-12:45	Dr. Rachna Hora , GNDU
12:45- 13:05	Ms. K. Harini , NCBS
LUNCH SESSION (13:05-15:00) Venue: Nalanda Faculty Guest House	
SESSION - VI (15:00-17:00): Venue: SCFBio, Synergy Bldg., IITD Chairman: Dr. T. Madhan Mohan, DBT	
15:00-16:00	SCFBio Team , IIT Delhi Title: <i>Computational considerations in Gene to Drug pathway</i>
16:00-16:30	Dr. Philippe Youkharibache , France Title : <i>Opportunities in Bioinformatics & Computational Biology: The international scenario</i>
16:30-17:00	Perspectives and Valedictory