

**SEMINAR ON “Molecular Modeling and Drug Design”
October 14-16, 2008
PROGRAMME**

Tuesday, October 14, 2008

9:30 A.M.	-	10:00 A.M.	Registration
10:00 A.M.	-	10:30 A.M.	Inaugural Session
10:30 A.M.	-	11:15 A.M.	Keynote Address Modeling Plasmodium Falciparum Ispc Enzyme and Analyzing its Interactions with Fosmidomycin Dr. Guruprasad Coordinator, Bioinformatics Centre Centre for Cellular and Molecular Biology, Hyderabad
11:15 A.M.	-	11:30 A.M.	Tea Break
11:30 A.M.	-	12:15 PM	SESSION-I Usefulness of Pathway Data and Analysis in Drug Development Dr. Prasahant Naik <i>Jubilant Biosys Ltd., Bangalore</i>
12:15 PM	-	1:15 PM	Molecular Modeling and Docking Studies of some Drug like Bio molecules Dr. Velmurugan <i>Crystallography and Biophysics, University of Madras, Chennai</i>
1:15 P.M.	-	2:15 P.M.	Lunch Break
			SESSION-II
2:15 P.M.	-	3:00 P.M.	Principles of Molecular Modeling Dr. V. Subramanian <i>Central Leather Research Institute (CLRI) Chennai</i>
3:00 P.M.	-	3:45 P.M.	GeoFOLD: Geometric Mechanical Model to Study the Topological Effects on Protein Unfolding Pathways and Kinetics Dr. Vibin Ramakrishnan Institute of Bioinformatics and Applied Biotechnology (IBAB), Bangalore 560 066.
3:45 P.M.	-	4:00 P.M.	Tea Break
4:00 P.M.	-	4:45 P.M.	Applications of Molecular Modeling Dr. V. Subramanian <i>Central Leather Research Institute (CLRI), Chennai</i>
4.45 P.M	-	6.00 P.M.	LAB SESSION for External Participants

PROGRAMME

Wednesday, October 15, 2008

SESSION-III

- 10:00 A.M. - 10:45 A.M Target Based Drug Design
Dr. Mukesh Doble
*Department of Biotechnology
Indian Institute Technology,
Chennai*
- 10:45 A.M. - 11:30 A.M Quantitative Drug Design
Dr.(Mrs.) M. Elizabeth Sobhia
*Pharmacoinformatics Division
National Institute of Pharmaceutical Education and
Research, Chandigarh*
- 11:30 A.M. - 11:45 A.M Tea Break
- 11:45 P.M. - 12:30 PM Role of Proteomics and Genomics in Drug Design
Dr. C N Ramchand
*Laila Pharmaceuticals Pvt. Ltd.
Chennai*
- 12:30 PM - 01:15 P.M Structure Based Design of PTP1B Inhibitors
Dr.(Mrs.) M. Elizabeth Sobhia
*Pharmacoinformatics Division
National Institute of Pharmaceutical Education and
Research, Chandigarh*
- 1:15 P.M. - 2:15 P.M. Lunch Break

SESSION - IV

- 2:15 P.M. - 3:00 P.M. Molecular Simulation
Dr. P. Gautam
Centre for Biotechnology
Anna University, Chennai
- 3.00 P.M - 3.45 P.M. Searching Antidote for Cocaine Drug Abuse
Dr. C.R. Ramanathan
Pondicherry University
Pondicherry – 605 014
- 3:45 P.M. - 4:00 P.M. Tea Break
- 4:00 P.M. - 4:45 P.M. Recent trends in drug discovery
Mr.Owais Rizvi
*SCUBE Scientific Software Solutions (P) Ltd
New Delhi*
- 4.45 P.M - 5.30 P.M. Demo - Cambridge Soft Products
Mr.Owais Rizvi
*SCUBE Scientific Software Solutions (P) Ltd
New Delhi*

5.30 P.M - 6.30 P.M.

LAB SESSION for External Participants

Thursday, October 16, 2008

PROGRAMME

SESSION-V

09:45 A.M. - 10:30 A.M

Computer Aided Design & and Synthesis of Novel Anti-diabetic compounds

Dr. Prasad V. Bharatam

Department of Medicinal Chemistry

National Institute of Pharmaceutical Education and Research, Chandigarh

10:30 A.M. - 11:15 A.M

Dr. Sanjeev

Bioinformatics Centre, School of Biotechnology

Madurai Kamaraj University, Madurai.

11:15 A.M. - 11:30 A.M

Tea Break

11:30 A.M. - 12:15 PM

Application of Molecular Modeling in Drug Discovery

Miss. Rohini Srinivasan

Global Life Sciences and Healthcare Practices

HCL Technologies, Chennai.

12:15 PM. - 1:00 P.M.

BIOBASE Knowledge Library™ for Discovery Research

Mr. Sasi Bhushan

BIOBASE Databases India Private Limited

Bangalore

1:00 P.M. - 2:00 P.M.

Lunch Break

SESSION-VI

2:00 P.M. - 2:45 P.M.

Demo Statistica

Mr. Owais Rizvi

SCUBE Scientific Software Solutions (P) Ltd

New Delhi-110 019

2:45 P.M. - 3:30 P.M

Dr. Krishna Kant

Senior Director, Ministry of Communications &

Information Technology, Department of

Information Technology, New Delhi

Valedictory Session and Certificate distribution

Feedback from participants