



Biomedical Informatics Centre

Room No:6024, 6th Level, Research Block-B
Post Graduate Institute of Medical Education and Research (PGIMER)
Chandigarh-160012



10 Days Training Programme in Bioinformatics on Drug Design

(18th May -3rd June, 2015)

Venue:

Biomedical Informatics Centre of ICMR

Room No 6024, Sixth Floor, Research Block-B, PGIMER, Chandigarh.

List of candidate selected for the training:

Batch-1	Batch-2	Batch-3
Name of Candidate	Name of Candidate	Name of Candidate
Dr Hariom Soni	Dr Gautam Kumar	Ms Puja
Dr Vaishali	Dr Shruti Saha	Mr Rohitash Yadav
Dr Vivek Bahgal	Dr M Parveen Kumar	Ms Eshani Mahajan
Dr Missamma Mulagala	Dr S Krishna Prasanthi	Ms Neha
Dr Amal Moideen	Dr Kunal Maniar	Mr jagjit Singh
Dr Pramit Kumar	Dr Ajay Prakash	Mr Neeraj Chhimpa
		Ms Surabhi Thapliyal
		Mr Niraj

Schedule:

Batch-1	Batch-2	Batch-3
18th May (11am-1pm)	18th May (11am-1pm)	18th May (3pm-5pm)
20th May (11am-1pm)	21st May (11am-1pm)	22nd May (11am-1pm)
25th May (11am-1pm)	26th May (11am-1pm)	27th May (11am-1pm)
1st June (11am-1pm)	2nd June (11am-1pm)	3rd June (11am-1pm)



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ICMR

Session – I: 18th May (Monday) Time: 11 am-1pm & 3pm-5pm

Introduction and installation of Bioinformatics tools for drug designing

Session - II: 20/21/22 May, Time: 11 am-1pm

1. Exploring the Protein Data Bank and related databases.
2. Visualizing protein structures (PYMOL)
3. Predicting protein 3D structure: Homology modeling (MODELLER)
4. Structure evaluation

Session - III: 25/26/27 May, Time: 11 am-1pm

1. An Insight to Drug Designing
2. Protein-Ligand Docking Using AUTODOCK
3. Analysis of Docking result

Session – IV 1/2/3 June, Time: 11 am-1pm

1. Introduction to Molecular Dynamics Simulation
2. Protein-ligand complex with parameterization methodology (GROMACS)
3. Analysis of MD simulation result

Date: 15 May 2015

Principal Investigator
Biomedical Informatics Centre of ICMR
PGIMER, Chandigarh