



PGIMER

Biomedical Informatics Centre

Post Graduate Institute of Medical Education and Research (PGIMER)

Room No:6024, 6th Level, Research Block-B, Chandigarh-160012



ICMR

10 Days Training Programme in Bioinformatics on Drug Design

(18th -28 MAY, 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)
19th May	22nd May	26th May
20nd May	23rd May	27th May
21th May	25th May	28th May



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

Introduction and installation of Bioinformatics tools for drug designing

Session - II: 19/22/26 May, Time: 11 am-1pm & 3pm-5pm

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: 20/23/27 May, Time: 11 am-1pm & 3pm-5pm

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

Session – IV 21/25/28 May, Time: 11 am-1pm & 3pm-5pm

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

Date: **05 May 2015**

Principal Investigator
Biomedical Informatics Centre of ICMR
PGIMER, Chandigarh