



One day workshop cum Hands-on Training 2018 on “Basic Tools for Drug Discovery and Development”

May 3, 2018

Organized by
*Bioinformatics Infrastructure Facility,
and
Department of Pharmaceutical Chemistry,
Jamia Hamdard,
New Delhi-110062*



Jamia Hamdard

Accredited by NAAC in 'A' Category
Hamdard Nagar, New Delhi - 110 062



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology

Supported by
*Department of Biotechnology,
Ministry of Science and Technology*

Patrons & Advisors

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Coordinator, BIF, JH
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Head, Dept. of Pharm. Chemistry, JH

Conveners

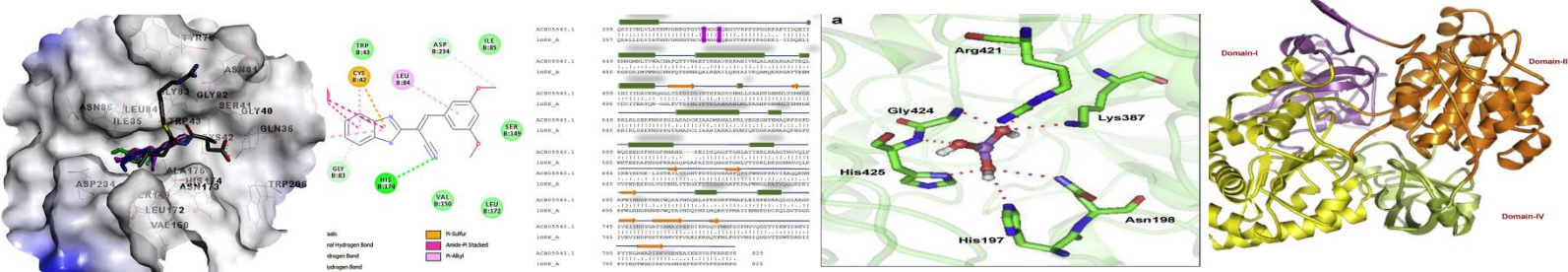
Dr. Mymoona Akhter
Dy. Coordinator, BIF; Dept. of Pharm. Chem., JH
Dr. M. Mumtaz Alam
Dept. of Pharm. Chemistry, JH

Organizing committee

Dr. M. Shaquiquzzaman
Dept. of Pharm Chemistry, JH
Dr. Farah Khan
Dept of Biochemistry, JH
Mr. Mirza Rahil Beg Computer
Center, JH
Dr. Munnazah Tasleem
RA, BIF-JH

03 May

(Thursday) ,2018



About Bioinformatics Infrastructure Facility, JH

The Bioinformatics Infrastructure Facility (BIF) at JH was established in 2008 by DBT, Ministry of Science and Technology under BTBI program. BIF at JH motivates and supports bioinformatics teaching and research, and emerging as one of the potential centers of learning and research in bioinformatics. The center is equipped with dedicated servers and computers with 24 hr internet connectivity, 10KVA UPS and currently has some state-of-the-art licensed software such as Recore, Sybyl, GOLD and SCHRODINGER for molecular modeling, drug design and MD simulation. The center acknowledges the continued support of DBT.

Important dates

Last date for submission of Registration Form: **23/4/2018**

Registration Fee
Students: Rs. 300/-

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**Bioinformatics Infrastructure Facility- Jamia Hamdard
and
Department of Pharmaceutical Chemistry, SPER**

Introduction to the symposium

The focus of this seminar is to arm the students working in different areas of drug discovery with basic drug designing tools for their advance applications. The three short hands-on training sessions are aimed for basic learning of the post graduate and research scholars. Each session will be on different tool and hands-on experience gained by the participant will help them in their research and build confidence. The purpose of the workshop/seminar also is to encourage sharing of knowledge for recent advances in bioinformatics briefly as it is rapidly growing with the advancement in the technology. The number of participants shall be limited to 25.

Topics to be covered

- Docking and recent advances
- Molecular docking and analysis of interactions.
- Computational approaches in drug discovery and developments
- ADME-T

Hands on

- Docking of small molecules on macromolecules
- Predicting ADMET of small molecules

Registration Form

NAME (In block letters): _____

Research Fellow /Graduate/Postgraduate student: _____

AFFILIATION/ADDRESS: _____

Mobile No.: _____

E-mail: _____

REGISTRATION FEE PAYMENT DETAILS:

DD No./Date: _____; Rs.: _____

DD should be drawn in favour of Registrar, Jamia Hamdard

Drawn on (Bank): _____

Date: _____

Signature: _____

Submission of registration form

Filled-in registration form accompanied with a Demand Draft in favour of Jamia Hamdard of the required amount of registration fee should be submitted on or before **23 April, 2018**.

Eligibility criteria

Graduate students; PhD scholars; Postgraduate in the area of Bioinformatics, Computer Science, Chemistry, Life Sciences, Medicine and Pharmacy

The number of participants is limited to 25.