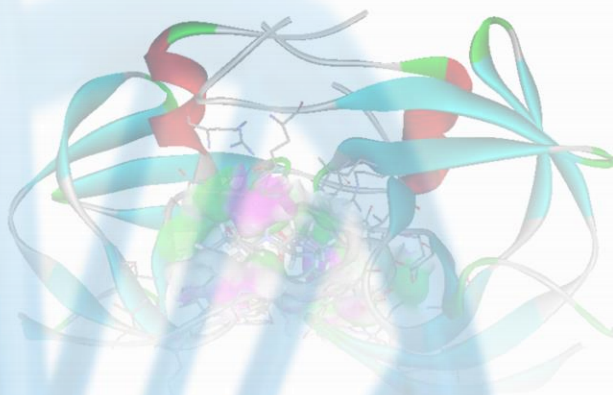
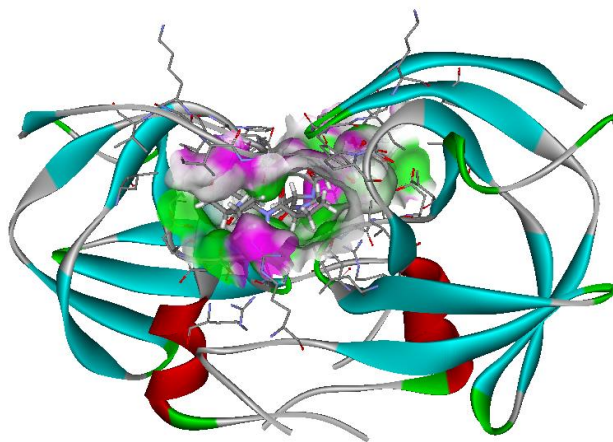


8th Workshop on Bioinformatics and Molecular Modeling in Drug Design

March 15 – 17, 2018

Venue: Seminar Hall, ACBR, University of Delhi, Delhi



Organized by



ACBR

**Bioinformatics Infrastructure Facility (BIF)
(DBT Sponsored)**

**Dr. B.R. Ambedkar Center for Biomedical Research
University of Delhi, Delhi-110007**

About the workshop

- Dr. B. R. Ambedkar Center for Biomedical Research (ACBR), University of Delhi, INDIA is organizing its 8th **workshop on Bioinformatics and Molecular Modeling in Drug Design (BIF-MMDD)** at Seminar Hall, ACBR, University of Delhi during March 15–17, 2018.
- The meeting focuses on the advancement and exploration of the knowledge about modern trends in Bioinformatics viz. Computational Strategies, use of computers and informatics in understanding gene annotations, bio-molecular interactions and Rational Drug Design. Various molecular modeling methods such as basics of bioinformatics tools, gene annotations, protein modeling, energy minimizations, molecular dynamics, docking methods and structure-based approaches will be discussed in detail. Along with this an overview of Big data, protein-protein interaction networks and pathway analysis will be covered with hands on training sessions.
- The workshop would provide a great opportunity to budding scientists to share the knowledge and plan future strategies for modern drug research by intellectual interaction with the elite scientists of the country. It is anticipated that the workshop would unwrap new prospective for research in computer aided drug design and bioinformatics.

About the Center

- **Dr. B. R. Ambedkar Center for Biomedical Research (ACBR)** is dedicated to research and postgraduate education in Biomedical Sciences. The institute serves as a prototype of doctoral training where young scientists at the start of their research career can gain the skills and insights required in their chosen fields.
- **The Bioinformatics Infrastructure Facility (BIF) Centre at ACBR** under the Biotechnology Information System Network (BTISNet) programme of DBT started in 2006 to focus on Bioinformatics and drug design. The Facility is known for its research, sound training programmes and the pioneering initiatives in the field.

The topics would include:

Bioinformatics and its application in understanding gene/protein function

Protein Structure Prediction

Energy Minimization & Molecular Mechanics

Understanding Biomolecular Interactions

Structure and Ligand Based drug Design

Protein-Protein Interaction Network and Big Data Analysis

Who should attend the workshop?

Scientists, teachers and research students working in academic and industry in various areas of Bioinformatics & Chemo-informatics for drug design. It is essential that the participant should have basic knowledge of Computer & basic tools of Bioinformatics.

Selection Criteria:

Selection will be based on one-page write-up describing how the workshop will benefit you in your area of research. Send your applications through email to Dr. Madhu Chopra. Preference will be given to active researchers, teachers and scientists working in this field. You will be informed by email. For details visit our website www.acbrdu.edu.

Number of participants:

30

Last date of application:

March 8, 2018

Intimation of selection:

March 10, 2018

REGISTRATION FEE*	Without Accommodation	With Accommodation**
	Rs. 1200 /- (Faculty) Rs. 800 /- (Students)	As per University Guest House rates

- Registration Fee will be accepted in the form of DD in favour of **Director, ACBR**, payable at Delhi and is **to be paid only after selection**

** An accommodation for 4-5 persons can be arranged on first cum-first serve basis

Chairperson

Prof. Daman Saluja
Director, ACBR

Scientific Advisory Committee

Prof. Vani Brahmachari
Prof. K. Natarajan
Dr. Madhu Chopra

Registration In-charge

Dr. Madhu Chopra

Publication / Editorial Committee

Mr. Naterpal Yadav
Mr. M. Jegadheesan
Mr. Prakash Jha

Treasurer

Mrs. Archana Sharma
Mr. Ashraf

Venue and Food Management

Mr. Krishan Kumar
Mrs. Kavita Dhar
Mr. Anil Kumar, Mr. Kunwarpal

Administration

Mr. Bipan C. Pandey
Mr. Parveen,
Mr. Vijay Sihag

Conference Secretariat for Correspondence

Dr. Madhu Chopra

Course Director & Coordinator,

Bioinformatics Infrastructure Facility (BIF)

**Dr. B. R. Ambedkar Center for Biomedical Research ,
University of Delhi, Delhi 110007**

Phone: 91-11-27666272, Fax: 91-11-27666248

Email: mchopradu16@gmail.com, acbrdu.btisnet@nic.in

Website: www.acbrdu.edu

**8th Workshop on Bioinformatics and Molecular Modeling
in Drug Design (BIF-MMDD 2018)
March 15-17, 2018**

Organised by
Bioinformatics Infrastructure Facility (BIF), DBT sponsored
Dr. B. R. Ambedkar Center for Biomedical Research,
University of Delhi, Delhi 110007

REGISTRATION FORM

[Download from (<http://www.acbrdu.edu>) or Photocopy]

(Please fill up in capital letters and send to the workshop secretariat through email writing BIF- workshop 2018 in the subject line)

Name of the participant: _____
First Middle Last

Institution/Company: _____

Address _____

Educational Qualification _____

(Attach copy of Curriculum Vitae (2 pages) and one page write up. Teachers must submit a letter of recommendation from the respective HOD.)

Address for Correspondence: _____

Mobile No. with STD code: _____ Fax: _____

E-mail address: _____

Accommodation required: Yes/No

If yes, :Duration: From _____ to _____

Payment Details:

Registration fee: _____

Total Rs. _____ Demand Draft No.: _____

☐ I am enclosing one page write-up as to how this workshop would benefit me.

(Signature of participant)

(Payment should be made by a demand draft in favor of Director, ACBR payable at Delhi and is to be paid only after selection.)