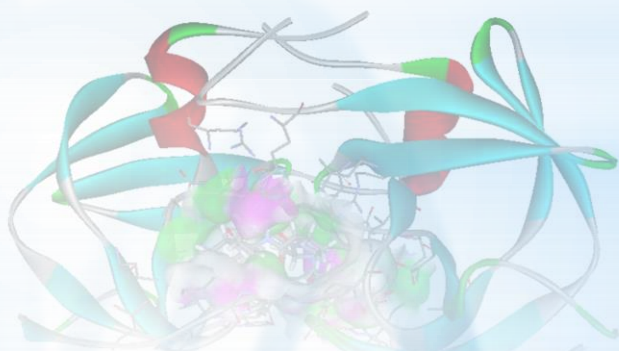
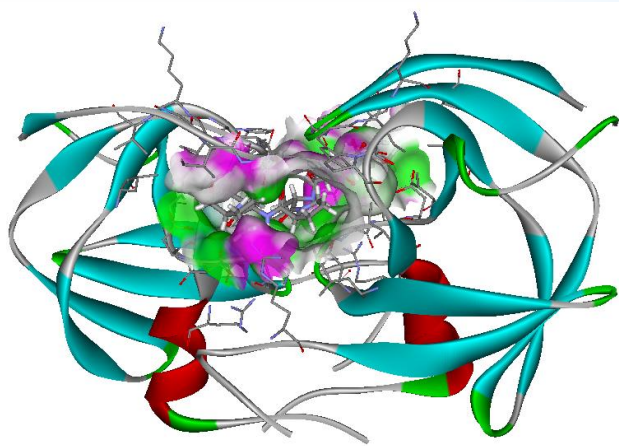


# 6<sup>th</sup> Workshop on Bioinformatics and Molecular Modeling in Drug Design

January 21 -23, 2016

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



Organized by



**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, University of Delhi, INDIA is organizing its 6<sup>th</sup> workshop on **Bioinformatics and Molecular Modeling in Drug Design** at Seminar Hall, ACBR, University of Delhi during January 21-23, 2016.
- 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, biomolecular 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 micro array 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 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 Analysis

## Who should attend the workshop?

Scientists, teachers and research students working in academic and industry in various areas of Bioinformatics & Chemoinformatics 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. You will be informed by email. For details visit our website [www.acbrdu.edu](http://www.acbrdu.edu).

**Number of participants:** 25

**Last date of application:** 15, January 2016

**Intimation of selection:** 18, January 2016

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

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

\*\* An accommodation for 5-6 persons can be arranged on first cum-first serve basis

**Chairperson**  
Prof. K. Natarajan  
Director, ACBR

**Scientific Advisory Committee**

Prof. Vani Brahmachari  
Prof. Daman Saluja  
Dr. Madhu Chopra

**Registration In-charge**  
Dr. Madhu Chopra

**Publication / Editorial Committee**

Mr. Naterpal Yadav  
Mr. M. Jegadheesan

**Treasurer**

Mr. Ashok Kumar  
Mr. Ashraf

**Venue and Food Management**

Mr. Krishan Kumar  
Mr. Vijay Sihag

**Administration**

Mr. Bipan C. Pandey  
Mr. Parveen Kumar

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 / 27667151 Fax: 91-11-27666248

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

Website: [www.acbrdu.edu](http://www.acbrdu.edu)



# REGISTRATION FORM

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

## 6<sup>th</sup> Workshop on Bioinformatics and Molecular Modeling in Drug Design

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Bioinformatics Infrastructure Facility (BIF), DBT sponsored

Dr. B. R. Ambedkar Center for Biomedical Research,

University of Delhi, Delhi 110007

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(Please fill up in capital letters and send to the workshop secretariat through email writing BIF- workshop 2015 in the subject line)

Name of the participant: \_\_\_\_\_

First

Middle

Last

Institution/Company: \_\_\_\_\_

Address \_\_\_\_\_

Educational Qualification \_\_\_\_\_

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

Address for Correspondence: \_\_\_\_\_

Telephone 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, Dr. B. R. Ambedkar Centre for Biomedical Research, University of Delhi, Delhi-110007, payable at Delhi and is to be paid only after selection.)