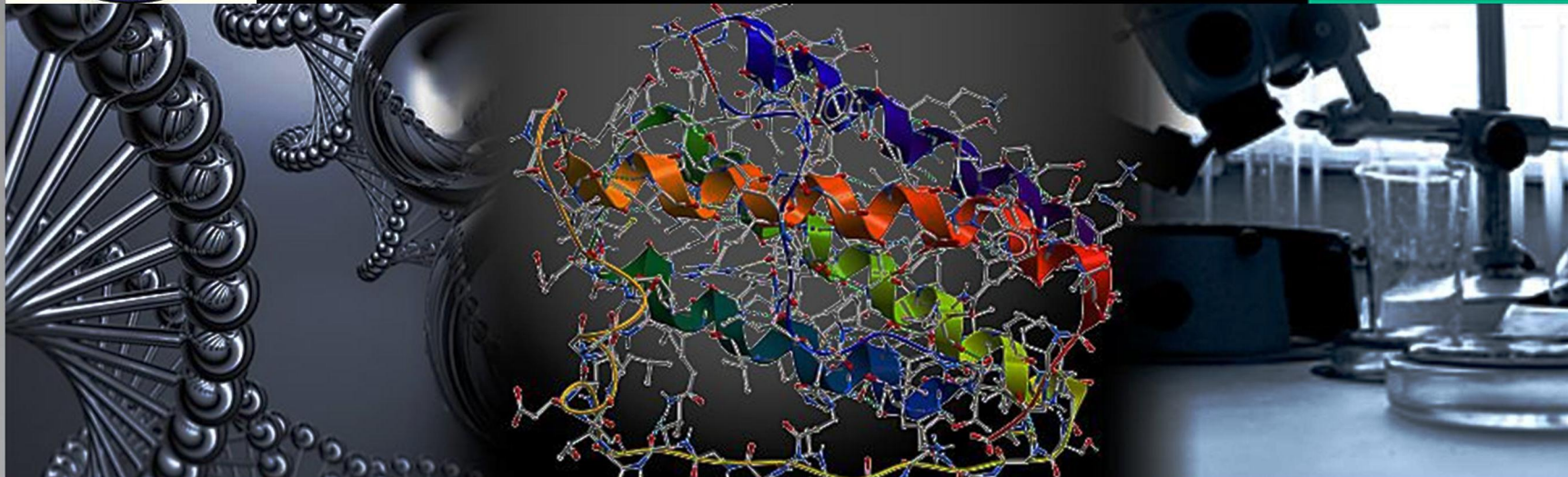




National Conference on Big Data Analytics cum Workshop on Computer Aided Drug Design (Nov 07-08, 2016)



ABOUT UNIVERSITY

Maharshi Dayanand University, Rohtak, named after a great social reformer was established through an Act of Legislative Assembly of Haryana in the year 1976 with special objective - "To establish and incorporate a teaching- cum - affiliating University at Rohtak for the encouragement of interdisciplinary higher education and research with special emphasis on studies in Life Sciences and Environment and Ecological Sciences". It is located 70 kms away from Delhi on NH-10 and spread in 700 acres of land.

ABOUT ROHTAK

The region surrounding Rohtak occupies the central place in the Bangru speaking zone of Haryana. The antiquity of the region goes back to the pre-Vedic Chalolithic/Bronze age. The ancient remains of last phase of Indus Valley Civilization can still be seen around the region. The PGIMS, Rohtak is among the front runners of medical sciences in the country.

CENTRE FOR BIOINFORMATICS

The Centre for Bioinformatics proudly announces the organization of 2-days National Conference on Big Data Analytics cum Workshop on Computer Aided Drug Design. The centre is one of the fastest developing wings of the University and plays a lead role in the region as far as Life Science is concerned. It has been recently given the status of separate department, before which it was the part of Centre for Biotechnology. The centre offers Ph.D. and M.Sc. programme in Bioinformatics apart from other paid training programs (studentship and traineeship) in Bioinformatics. Bridging the Biologist-Computational Interface gap will remain ever the focus of the centre.

ABOUT CONFERENCE

In "Omics" era of the life sciences, data is presented in many forms, which represent the information at various levels of biological systems, including data about genome, transcriptome, epigenome, proteome, metabolome, molecular pathways, different population of people and clinical/medical records. The biological data is big, and its scale has already been well beyond petabyte (PB) even exabyte (EB). Tools and techniques for analyzing big biological data enable us to translate massive amount of information into a better understanding of the basic biomedical mechanisms, which can be further applied to translational or personalized medicine. In general, big data has four important features, so called four V's: volume of data, velocity of processing the data, variability of data sources, and veracity of the data quality. These four hallmarks of big data require to be characterized by special theory and technology.

ABOUT WORKSHOP

Drug development has become increasingly complex, time consuming and expensive. Therefore the pharmaceutical industries are shifting their focus to structure based drug designing from trial and error processes. Hence the significance of computer aided drug designing increasing day by day. The objective of this workshop is to demonstrate the basic *in-silico* tools used in drug design & discovery through guided practical training.

PROGRAM COMMITTEE

Patron-in-Chief: Prof. B. K. Punia, Vice-Chancellor, M. D. University.

Patron: Prof. P. K. Jaiwal, Dean-Life Sciences, M. D. University.

Convener: Prof. (Mrs.) Rajesh Dhankar, Director, CBINF, M. D. University.

Organizing Secretary: Dr. Ajit Kumar, CBINF, M. D. University.

Members:

- Ms. Mehak Dangi, CBINF, M. D. University.
- Dr. S.S. Gill, Centre for Biotechnology, M.D. University.
- Dr. Amita S. Dang, Centre for Medical Biotechnology, M.D. University.
- Dr. Nar Singh Chauhan, Dept. of Biochemistry, M.D. University.
- Dr. Pooja Suneja, Dept. of Microbiology, M.D. University.

CALL FOR POSTER/PAPER


The participants of conference are encouraged to submit abstract of poster/paper to be presented during the conference. Full length paper will be published as special issue in indexed journal. The abstract may be sent to coordinator.bif@mdurohtak.ac.in via e-mail by 31st October, 2016.

REGISTRATION

The participants are requested to send the duly filled in registration form along with registration fees on or before 31st October, 2016. Outstation participants may pay the registration fee on-spot.

Fee-detail:

	Registration (Workshop)	Registration (Conference)	Accommodation (Per day)
Student	1000 INR	500 INR	200 INR
Faculty	1500 INR	1000 INR	200 INR

 The full paper selected for publication as proceedings in indexed journal will be charged Rs. 1000/- extra.

ADDRESS FOR COMMUNICATION

Dr. Ajit Kumar

Organizing Secretary

Centre for Bioinformatics

Maharshi Dayanand University

Rohtak-124001, Haryana, India.

Phone: +91-9802299176

E-Mail: coordinator.bif@mdurohtak.ac.in

**National Conference on Big Data Analytics
Cum
Workshop on Computer Aided Drug Design**

(Nov 07-08, 2016)

**Bioinformatics Infrastructure Facility
Centre for Bioinformatics, Maharshi Dayanand University
Rohtak – 124 001 (Haryana)**

REGISTRATION FORM

Title : Dr/Mr/Mrs/Ms

Name : _____

Position : _____

Organization: _____

Address : _____

City: _____ State: _____

PIN : _____

Tel/Mob. No. : _____

E-mail : _____

Participation in

Conference Workshop

Reason to join this workshop:

Title of poster/paper to be presented: _____

Accommodation required: Yes / No

Signature of the candidate: _____

Applications may be sent by hand/post to:

Dr. Ajit Kumar

Organizing Secretary

National Conference cum Workshop (BDA & CADD-16)

Centre for Bioinformatics

Maharshi Dayanand University, Rohtak – 124 001.

Mob:+91-9802299176

E-mail: coordinator.bif@mdurohtak.ac.in

NB: Accommodation can be arranged in university faculty house on payment basis.

Photocopy of registration form can be used