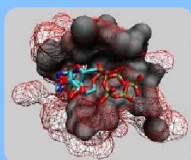
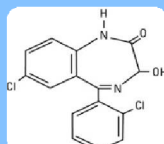


Regional Medical Research Centre (ICMR), Belagavi (KA)



National Level Workshop on “Current trends in Herbal Informatics” 23rd & 24th March, 2015



Organized By
Biomedical Informatics Centre (BIC),
Regional Medical Research Centre (ICMR),
Nehru Nagar, Belagavi (KA) - 590010

Biomedical Informatics Centre (BIC)

The Biomedical Informatics Centre (BIC) has been set up at Regional Medical Research Centre, Belgaum in April, 2013. This unit is one of the 20 BICs of ICMR set up across the country to cater modern computational needs and support the ongoing medical research activities in the region.

About the Workshop

Regional Medical Research Centre is envisaged as a major resource centre for development of herbal technologies and products for prevention and treatment of major diseases. Emergence of multidrug resistant, extreme drug resistant and total drug resistant pathogens have left with very few therapeutically effective drugs and necessitated screening of herbs/medicinal plants compounds for their activity. However, the recent advances in technologies like, computer aided drug design (CADD), is now offering a fast track to some limiting factors of therapeutic discovery as well. Computer-aided drug design, that offers an *in-silico* alternative to medicinal chemistry techniques for studying the structure of compounds/secondary metabolites and predicting their biological activities, has the advantages of both speed and low cost and is becoming an indispensable program of major herbal researches.

Course Contents

Day 1:

Current trends in Herbal informatics Techniques
Ayurgenomics- An approach in personalized and preventive medicine

Online Plant identification keys (Delta keys)

Day 2: Introduction to Bioinformatics, Biological Databases and small molecule databases (NCBI, EBI, PDB, Pubchem, Zinc etc.), *In-silico* Lead Designing (Receptor & Ligand Preparation, Docking Analysis)

External Resource Persons

Dr. Dinakar Salunke, Executive Director, Regional Centre for Biotechnology, Gurgaon.

Dr. S.K. Dey Biswas, Scientist 'G' & Head of Bioinformatics, ICMR, New Delhi.

Dr. Smita Mahale, Scientist 'G' & Director, NIRRH (ICMR), Mumbai

Dr. Harpreet Singh, Scientist 'E' & In-charge, BIC, ICMR, New Delhi .

Dr. Dattatraya V. Desai, Dept. of Bioinformatics, University of Pune

Dr. Girish Tillu, Interdisciplinary School of Health Sciences, University of Pune.

Dr. Shivakumar Harti, Reader, BMK Ayurveda Mahavidyalaya, Belagavi.

Registration Fee

Registration fee for the workshop is 2000/- (INR). The Mode of Payment will be by D.D. in favour of **Director-in-Charge, RMRC, Belagavi.**

Level of Participants

The eligibility criterion for applicants is a Post Graduate degree in Life sciences/ Ayurveda/ Pharmacy. Preference will be given to candidates Having/pursuing Ph.D or working as a junior faculty in academic or research organizations/projects.

How to Apply ?

Application for participation may be sent in the prescribed form duly forwarded by the competent authority of the institute/ University where the candidate is registered /employed. Applications may be sent to the Director-in-Charge before **12th March, 2015** at the following address (application via e-mail would be preferred).

Director-in-Charge

Regional Medical Research Centre, ICMR
Nehru Nagar, Belagavi (KA)-590010

Phone: 0831-2475477

Fax: 0831- 2475479

Email: icmrcblm@yahoo.co.in

cc to: drsubarnaroy@gmail.com,

bic.rmrc.belgaum@gmail.com

Maximum no. of participants: 10
Registrations will be carried out after screening and short listing. Selected candidates will be intimated through E-mail. The DD of unregistered candidates will be sent back .

No TA/DA will be provided. Modest accommodation & hospitality will be provided on shared basis.

Important Dates

Last date for receiving Application: **12th March, 2015**

Intimation of Selection: **13th March, 2015**

Registration Form

Name (Block letters):

Designation:

Date of birth:

Sex: Male Female

Postal Address:.....

.....

Email:

Contact No:

Educational Qualifications:

.....

Professional experience:

.....

Computer proficiency:

.....

Current Area(s) of Research:

.....

Date :

Place :

Signature of Applicant

Certificate and recommendation by the forwarding authority (if needed)

It is certified that the information provided above is verified and found correct. The applicant is recommended & nominated for attending the workshop at BIC, RMRC Belagavi.

Date :

Place :

Signature with seal of the Authority

Address for Correspondence

Dr. S.L. Hoti, Scientist 'G'
Director In-Charge ,
Regional Medical Research Centre,
Indian Council of Medical Research,
Nehru Nagar, Belagavi-590010,
Karnataka

Dr. Subarna Roy, Scientist 'E'
Principal Investigator (BIC),
Regional Medical Research Centre,
Indian Council of Medical Research,
Nehru Nagar, Belagavi-590010,
Karnataka

Course Co-ordinators
Mr. Pramod Kumar/ Dr. Gireesh Ankad
Biomedical Informatics Centre ,
Regional Medical Research Centre,
ICMR, Nehru Nagar, Belagavi-590010,
Karnataka