

REGISTRATION FORM

Drug Development-An In-silico Approach

NAME:

PHONE:

Email:

Student/Faculty:

Qualification:

Institute

Demand Draft Details:

DD NO.:.....

BANK:

SIGNATURE

DATE

Coordinator
Dr. MB Nagaveni
DBT -BIF Facility

Contact

Dr. Sushil Kumar 9886098267

Ms . Aruna HK 9448000983

mail us :

ammanniicollege@gmail.com

Address

Maharani Lakshmi Ammanni
College For Women,
18th Cross, Malleshwaram,
Bangalore-12



Department of Biotechnology
Govt. of India

MLACW-DBT-BIF centre

presents

National workshop on

Drug development – an in-silico approach

Dates:
April, 6th –April 8th 2015

Organized by



**Maharani Lakshmi Ammanni College
for Women**
DBT-BIF Centre,
Malleshwaram, Bangalore-12

REGARDING MLACW

Maharani Lakshmi Ammanni College is one of the premier academic institutions for women. It is imparting value based education since the last four decades, grooming all round personalities of young women to face today's competitive world. The quality initiatives of the institution has earned it the distinction of being:

- Recognized by UGC as one among five colleges in the state of Karnataka as a *Centre with Potential of Excellence*.
- reaccredited with *A grade by NAAC*

About the Department of Biotechnology @ MLACW

- The department of biotechnology was established in 2002 and offers courses at undergraduate and post graduate level in biotechnology and biochemistry.

Achievements of the Department:

- Selected by Govt. of Karnataka as one among the 12 Biotechnology finishing schools in Karnataka, INDIA

- Upgraded *Star college status* supported by Department of Biotechnology, Govt. of India,
- *Bioinformatics Infrastructure facility (BIF)* supported by Department of Biotechnology, Govt. of India
- *Research centre* recognized by the *Bangalore university*
- *FIST* program supported by DST, Govt. of India
- Organized several conferences and workshops at state and national level
- UGC sponsored Add On courses in bioinformatics, molecular techniques, and medical lab techniques

Registration Fees:

Students/Scholar: 750/-

Faculty : 1500/-

Industry: 6000/-

Last date of registration: March 28th 2015

How to Register:

DD should be made in favor of "BIOENIGMA, MLACW, BANGALORE". DD number should be mentioned in the registration form. DD should be submitted at the time of registration.

Regarding Workshop

Research in the pharmaceutical sciences and medicinal chemistry has taken an important new direction in the past two decades with a focus on large molecules, especially peptides and proteins, as well as DNA therapeutics. Recent years has also witnessed un-precedented growth of research and applications in the area of computer aided drug discovery (CADD) and Pharmaceutical Sciences. The use of CADD in medicine and more specifically drug target discovery is increasingly gaining popularity. The CADD trims down the cost and time limit in the drug discovery process. The bio-medical applications of CADD as efficient drug discovery methods with the help of system biology approaches have attracted great attention in the last decade.

The 3 days workshop is intended to provide an in-depth view of key protocols that are commonly used in drug discovery laboratories.

Covering both classic and cutting-edge techniques, this workshop intends to explore computational docking, quantitative structure-activity relationship (QSAR), and other analytical screening and biological assays that are routinely used during the drug development process.

Topics to be covered in workshop are:

- ☐ Medicinal Chemistry in Drug Discovery
- ☐ Hit Finding and Lead Designing
- ☐ ADMET and Ligand Fit & Ligand Score
- ☐ Pharmacokinetics and
- ☐ Pharmacodynamics
- ☐ Quantitative structure analysis relationship
- ☐ Chem-Comp and Docking Studies

The objectives of the conference include the following:

- To spread awareness of recent trends in Drug Development parameters in biological sciences.

- To make participants aware of newer technological approaches for several issues.
- To highlight the latest trend in the process of drug discovery and designing
- To elicit interest in participants to take up research in the area of Quantitative Structure Analysis Relationship.
- To promote networking opportunities among scientists to share information in the scientific progress.
- Foster interdisciplinary and public-private partnerships approach towards drug discovery.

Target audience/ participants

Participants of the workshop will include undergraduate and postgraduate students, researchers, scholars and faculties from Life Sciences, Pharma, Medical practioners involved in drug designing.

We expect around 20-25 participants from all over India on **FIRST COME FIRST SERVED BASIS**

Workshop will provide the participants an opportunity to interact and get enlightened on the topics of Drug discovery and designing. The workshop provides an in-depth view of most commonly used protocols in drug discovery laboratories and features tips and vital implementation advice from experts.

The organizers believe that the workshop would help young and budding researchers to identify their potential and pursue research as their career. The outcome of their research shall in turn contribute to the society at large and specifically in the Health sector.