

National Symposium
on
**“Novel Trends & Challenges in Drug Design,
Discovery & Development”**

3rd December 2014

Jointly organized by



Mother Teresa College of Pharmacy
and
APP Telangana State Branch

CONVENER

Dr. Rajiv Dahiya

(M.Pharm, Ph.D, D.Sc, FAPP, FICCE)

President, Association of Pharmacy Professionals
Principal & Professor, Globus College of Pharmacy,
Bhopal, Madhya Pradesh

CO-CONVENER

Dr. A. Muralidhar Rao

(M.Pharm, Ph.D, FAPP)

President, APP Telangana State Branch
Principal & Professor, Maheshwara Institute of Pharmacy,
Patancheru, Hyderabad, Telangana

ORGANIZING SECRETARY

Dr. JithanVenkata Aukunuru

[M.Pharm, Ph.D (USA)]

Secretary, APP Telangana State Branch
Principal & Professor, Mother Teresa College of Pharmacy,
Ghatkesar, Ranga Reddy, Hyderabad, Telangana

CHAIRMAN - SCIENTIFIC COMMITTEE

Dr. Sunita Dahiya

(M.Pharm, Ph.D, FAPP, FICCE)

General Secretary, Association of Pharmacy Professionals
HOD & Professor, Globus College of Pharmacy, Bhopal (MP)

APP-MTCP Collaborative Scientific Event

Venue

**MOTHER TERESA COLLEGE OF PHARMACY,
RANGA REDDY, HYDERABAD**

OBJECTIVES

In the fields of medicine, biotechnology and pharmacology, drug discovery is the process by which new candidate medications are discovered. Historically, drugs were discovered through identifying the active ingredient from traditional remedies or by serendipitous discovery. Later chemical libraries of synthetic small molecules, natural products or extracts were screened in intact cells or whole organisms to identify substances that have a desirable therapeutic effect.

Modern drug discovery involves the identification of screening hits, medicinal chemistry and optimization of those hits to increase the affinity, selectivity (to reduce the potential of side effects), efficacy/potency, metabolic stability (to increase the half-life), and oral bioavailability. Once a compound that fulfills all of these requirements has been identified, it will begin the process of drug development prior to clinical trials. The process of finding a new drug against a chosen target for a particular disease usually involves high-throughput screening (HTS), wherein large libraries of chemicals are tested for their ability to modify the target.

In the present scientific gathering, eminent pharmaceutical experts from different organizations (Industries/Universities/Institutes) will discuss about latest trends and challenges in Drug Design, Discovery and Development.

ABOUT THE ASSOCIATION OF PHARMACY PROFESSIONALS (APP)

APP is a unique organization comprised of dedicated professionals willing to serve pharmacy profession in dynamic ways and is continuously gaining popularity among pharmacy students and teachers in India as well as abroad. It is registered under MP Society Registration Act, Govt. of India and runs a peer reviewed international pharmaceutical journal 'Bulletin of Pharmaceutical Research - Bull. Pharm. Res.' and a biannual newsmagazine 'APP Scientific Updates'. The main motives of APP are to provide a platform to professionals for discussing diverse aspects related to pharmacy, to promote the cause of pharmaceutical research and education, to organize annual conventions/symposiums/workshops/guest lectures/conferences and other activities for upgradation of pharmacy personnel. Kindly visit the website www.appconnect.in for more details about the association.

ABOUT MOTHER TERESA COLLEGE OF PHARMACY

Mother Teresa College of Pharmacy started in the year 2006 and run by the Mother Teresa Educational society and is located at NFC Nagar, Ghatkesar with the congenial and well-developed college campus. Under the able guidance and patronage of Shri K.Venkat Reddy, Chairman, Shri P. Somasekar, Secretary and Correspondent and Shri D. Nagesh, Director, college has developed excellent facilities and resources. Our objective is to develop & groom the students into highly skilled professionals with wisdom. Our claim "we care for careers" translates into intensive, individual & trusting support for the students on a long-term basis. We associate our goals with career aspirations of the students. College is working towards creating & sustaining an environment, conducive to the growth of knowledge base in India. College runs B.Pharm and M.Pharm (Pharmaceutics and Pharmaceutical Chemistry) courses with the vision to be a 'Centre of Excellence' in pharmacy to bridge the gap between college and industry and contribute to create a significant knowledge base of professionals in India, enable it to become a global leader.



REGISTRATION

Participants are requested to make registration on/before 25.11.14 with duly filled registration form along with registration fee of Rs 350/- (Students/APP members) and Rs 450 (Faculty/other professionals). Interested candidates can send scanned copy of registration form together with 250 words abstract (Times New Roman, font size 12) for poster presentation at appevents2014@gmail.com (Poster size: 80 x 120 cm). Presenting/attending certificate will be issued to the delegates registered for seminar. **Three best poster presentation awards** will be given in different pharmaceutical sections like Pharmaceutics, Pharmacology, Pharmaceutical/Medicinal Chemistry etc. **Best Student** and **Best Teacher** of the college will be honored with 'APP Award' during the symposium.

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Registration Form

Name of delegate:

Prof./Dr./Mr./Mrs./Ms. _____

Designation: _____

Organization/Institute: _____

Qualification: _____

Address: _____

Email: _____ Mobile: _____

Whether presenting Paper during Symposium (Yes/No): _____

Title of Paper: _____

Registration category:

(Academia or Industry - Student or Teacher) _____

Date:

Sign of Applicant

Address for communication:

The Organizing Secretary – National Symposium

Principal, Mother Teresa College of Pharmacy,

NFC Nagar, Ghatkesar, Ranga Reddy,

Hyderabad, Telangana, India.

Mobile: 09849125290

E-mail: appevents2014@gmail.com