India is expected to emerge as a strong player in the production and sale of pharma/biotech products in the coming years. In order to address the recent advances and trends in drug discovery and development and the role of industry - academia interaction in translational research, a workshop to give an insight of Good Practices such as GMP, GLP and GCP in the pharmaceutical sector, followed by issues such as Standardisation of ISM drugs for global market, Ethics in Drug development and Marketing, IPR issues on new drug development including recombinant drugs and Regulatory affairs in Pharmaceutical sector, has been planned at the Department of Biotechnology, Pondicherry University, Puducherry. This workshop will bring together the leading thinkers and practitioners to a common dias, resulting in a rich, rewarding exchange of views and experiences. The joint interaction of the academic institutions and industrial houses would make the event more dynamic and fruitful in terms of scientific and technological innovations. This meeting would offer a very focused platform for the stakeholders to discuss and analyse the prospects and challenges and bring out policy and joint working groups in these areas so that our country would be playing a leading part in the global scenario. An added outcome of the industry –academia meeting would also initiate out of box thinking to nurture and exchange ideas, human resources and joint ventures.

TECHNICAL ENCOMPASSMENT

The National Workshop & Industry - Academia Interaction Meet on "Drugs and Pharmaceuticals-Research & Development" includes the presentation of keynote and special addresses by eminent experts in Pharmaceutical Sector of Modern Medicine, Ayurveda and Siddha Medicine, Clinicians, Pharmacologists, Biotechnologists and Corporate Personnels. The workshop among other aspects, will focus on

1. Computational biology in Drug Discovery
2. New drug development - Lead Optimisation and Target Identification
3. Preclinical Toxicology Evaluation in Drug Discovery
4. Novel drug delivery systems
5. Recombinant Drugs and Biotherapeutics
6. Good laboratory Practices for Monitoring & Evaluation
7. Role of Pharmacokinetics in Drug Development
8. Clinical Trials and Translational Research in Drug Development
9. Adverse Drug Reactions and Pharmacovigilance
10. Scientific Validation and Standardization of Traditional Drugs for Global Acceptance
11. Bioethics in Drug Development
12. IPR and Regulatory affairs in Drug Development
13. Govt. of India Initiatives in Pharmaceutical Sector

Poster Presentation on the above aspects would be considered if abstracts (approximately 300 words in MS word doc) reach the organising secretary by 1st April, 2013.

WHO CAN ATTEND THE WORKSHOP?

The target participants for the workshop will include

- Quality control chemists and pharmacists from industries involved in the manufacture of both allopathic drugs and herbal formulations.
- Research personnel (Pharmacy & Life Sciences) working on drug development (herbal, synthetic and recombinant drugs).
- Clinical Practioners, Pharmacologists (Allopathy, Ayurveda & Siddha) keen on evidence based clinical practice.

REGISTRATION DETAILS

1. Academic (Staff/Doctors)	- Rs. 2500/-
2. Academic (Research scholars/Students)	- Rs. 1000/-
3. Industry	- Rs. 5000/-
Registration Deadline	: 01.04.2013

The DD should be drawn in favor of "Co-ordinator, National Workshop on Drugs and Pharmaceuticals" payable at Puducherry.

ACCOMMODATION

Arrangements for accommodation would be made in guest house/hotels in Puducherry on prior request on payment of advance amount.

Duly Completed Registration form to be mailed to

Dr. A. Hannah Rachel Vasanthi,
Organising Secretary,
Dept. of Biotechnology,
Pondicherry University,
Puducherry-605014.

Phone : 0413-2654745
Mobile : 09443135842
e-mail : hrvasanthi@gmail.com
: puhannahnprl@gmail.com

सत्यमेव जयते

National Workshop & Industry - Academia Interaction Meet on Drugs and Pharmaceuticals - Research & Development

April 12th & 13th, 2013

Sponsored by

Department of Science and Technology (Govt. of India)

Organized by

Department of Biotechnology
Pondicherry University
Puducherry - 605014.

NATIONAL WORKSHOP & INDUSTRY - ACADEMIA INTERACTION MEET
ON
DRUGS AND PHARMACEUTICALS - RESEARCH & DEVELOPMENT
April 12th & 13th, 2013

REGISTRATION FORM

Name : .....

Designation : .....

Organisation : .....

Mailing Address : .....

.....

Phone (O) : ..... Phone(R) .....

Fax : ..... Mobile .....

E-mail : .....

Field of Specialisation : .....

Job Responsibility : .....

Title of Abstract for Poster presentation : .....

.....

Choice of Accommodation : Hostel / Guest House / Hotel (AC/Non-AC)/ Private arrangement.

Occupancy : Single or Double

Arrival and Departure Details : .....

.....

Place:

Date:

(Signature)

PATRONS

Prof. (Mrs.) Chandra Krishnamurthy
Vice Chancellor
Pondicherry University, Puducherry.

Dr. T. Ramasami
Secretary, Dept. of Science & Technology
Govt. of India, New Delhi.

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Dr. M. Ramadoss
Professor & Director (SEI & RR)
Pondicherry University, Puducherry.

ORGANIZING COMMITTEE

Chairman : **Prof. Anisa B Khan**
Dean, School of Life Sciences
Convenor : **Dr. V. Arul**
Organising Secretary : **Dr. A. Hannah Rachel Vasanthi**

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Mr. C. Rajadurai
Scientist, Drugs & Pharma Division,
Dept. of Science & Technology
New Delhi.

PONDICHERRY UNIVERSITY

Pondicherry University is a Central University, established under "University act 1985". The campus is spread over 780 acres of lush green vegetation and is fully Wi-Fi enabled. It has a spectrum of disciplines and eminent faculties who contribute to the progress of the University which had celebrated its silver jubilee recently (1985-2010). This university is one of the fastest growing in the country and continues to progress steadily under XII five year plan. It has on campus student strength of 6,500. More than 27 MoUs have been signed with International Universities and National institutions for exchange of faculty and students.

DEPARTMENT OF BIOTECHNOLOGY, PONDICHERRY UNIVERSITY

The Department of Biotechnology has been contributing towards academics and research since 1992 under the School of Life Sciences. In addition to M.Sc., course, Integrated M. Sc. - Ph. D., Ph.D. (Full-time) and PG-Diploma in Biotechnology is also offered. The department is funded by the Department of Biotechnology, Govt. of India, New Delhi. The department has an excellent team of teaching faculty, who carry out basic and applied research in different areas of Biotechnology which is attracting extramural funding from both national and International funding agencies. The research outcome as publications and patents from the Department attests the quality of research work carried out in the Department.

STATE OF THE ART REVIEW AND AIM OF THE MEETING

The 21st century is regarded as the era of unprecedented development in pharmaceutical and biotechnology research. These areas have witnessed a tremendous growth and progress and have influenced almost every sector of human life. Products of pharmaceutical science and biotechnology span a wide range of new therapeutics which includes drugs from natural product origin, biotherapeutics and genome based drugs. To meet the demands of the ever growing population, there is a need for efficient means of producing the therapeutic agents in large scale at cheaper cost and in a faster manner. Biotechnological approaches in the pharma industry using r-DNA technology for targeted treatment is growing. With the unveiling of the human genome and the recent developments in pharmacogenomics, many pharma industries are developing genome based drug formulations. All these developments have revolutionized pharma-biotech industry which has gained a lion's share in the global economy. This workshop will cover recent trends and challenges in the development of novel drugs and pharma research.

During the last decade, use of traditional medicine has expanded globally and has gained popularity. Various practices of traditional medicine have been developed in different cultures in different regions without a parallel development of international standards .The challenge now is to ensure that traditional medicine is used properly and to determine how research and evaluation of traditional medicine should be carried out. As a compound of globalization, the various governments expect traceability and accountability in the lieu of opening their market. Desire to play in the global market should be refined with effort to comply with the demands of the global market. This implies that there is great demand for greater compliance with federal regulations governing GLP, GMP and GCP. These high demanding skills address the key regulatory compliance issues required to take new dimensions in drug discovery and development from testing to commercial production as per regulatory norms.