

insights on Good Practices such as GMP, GLP and GCP in the pharmaceutical sector, followed by issues such as Standardization of ISM drugs for global market, Ethics and IPR in translational therapies and technologies which also includes biomarkers, gene therapy and stem cell therapy has been planned at the Department of Biotechnology, Pondicherry University, Puducherry. This meeting will bring together the leading thinkers and practitioners to a common dais, 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 much focused platform for the stakeholders to discuss and analyze the prospects and challenges and bring out policies and joint working groups in these areas to enable our country to play 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.

Thrust Areas and Scientific Deliberations

Based on the theme and objectives of the conference scientific deliberations would be in the following thrust areas and subthemes. Participants are encouraged to submit abstracts on the wide range of subthemes for enthusiastic exchange of ideas.

i. Importance and Role of Multidisciplinary Research in Translational Biomedicine

Physical and Natural Sciences (Physics, Chemistry, Botany and Zoology)
Food Science and Nutrition

Geosciences

Applied Sciences (Mechanics, Electronics & Instrumentation, Chemical Technology etc.)

ii. Traditional Medicine to Modern Biomedicine - Roots and Links

Ayurveda
Siddha
Unani
Yoga

iii. Biomarkers in Translational Medicine

Biomarker Discovery
Genomic biomarkers
Predictive Biomarkers validation in diagnosis and prognosis
Biomarkers in Drug Development

iv. Safety and Ethical Issues in Translational Sciences

Safety and Efficacy testing in model systems
Clinical Trials - Stages and Protocols
Diagnostics and Translational Research
Ethics in Translational Biomedical Research

v. Translational Therapeutics and Technologies in Biomedicine

Chemotherapeutic agents and Stem Cell therapies
Patient targeted Molecular therapies
RNA based therapeutics
Next gen sequencing and diagnosis
Proteomics, Metabolomics and Genomics
Nanotechnology/Tissue Engineering based therapies

vi. Translational Research in Various Fields of Biomedicine

Maternal and Fetal Health
Environmental and Occupational Health
Blood and Immunological Disorders
Oral and Gastrointestinal Disorders
Infectious and Respiratory Disorders
Cancer and Neurodegenerative Disorders
Cardiovascular and Metabolic Disorders

vii. Academia and Industry Partnership in Translational Outcomes

viii. Prospects and Challenges in Translational BioMedicine

ABSTRACT SUBMISSION

Abstracts on the above thrust areas can be submitted online to the CONFERENCE SECRETARIAT by email, latest by 31st October, 2015. The abstract should contain the author's affiliation and the summary of the work to be presented and should not exceed 300 words. The font should be Times New Roman and the font size of 12.

REGISTRATION

Registrations for the preconference workshop and conference is categorized based on various criteria. Registration fee includes lunch, refreshments and conference kit for participants. Photocopies of registration forms may be used for registration purpose.

Categories

	Till 31 st Oct 2015	After 31 st Oct 2015
IABMS (Members)	Rs. 3000	Rs. 4000
IABMS (Non Members)	Rs. 4000	Rs. 5000
PG Students/Research Scholars	Rs. 2000	Rs. 3000
Foreign Delegates	USD 250	USD 350
Accompanying Delegates	Rs. 2000	Rs. 2500

Students and Research scholars should submit the copy of the bonafide certificate from the respective Head of the Department to get waiver in registration fee as per the tariff. Payment for registration fee should be sent by DEMAND DRAFT only drawn in any nationalized bank in favor of "Organizing Secretary-IABMS 2015 Conference" payable at Indian Bank, Puducherry.

ACCOMMODATION

Since December is the peak season for tourists from all over the country and around the globe prior booking is necessary for avoiding hazels in accommodation and for a wonderful stay at Puducherry during the conference. Arrangements for accommodation would be made in guest houses/hotels in Puducherry on prior request on payment of advance amount of Rs.2500/- to the organizing secretary on or before 10th December 2015.

For further assistance please contact Mr. Veeresh Kumar S. (Mobile: 09585346434)

IABMS AWARDS

Details of various awards instituted by the Indian Association of Biomedical Scientists (IABMS) may be seen in the first circular or in the IABMS Website (http://www.iabms.org/List_of_awards.html). Submissions should reach the General Secretary, Dr. S. Karthikeyan on or before 15th September 2015 to be duly considered for the awards which will be distributed during the inauguration of the conference.

IMPORTANT DEADLINES

Submission of Abstracts/Papers for various IABMS awards	: 15 th September 2015
Submission of Abstract (s) for conference	: 15 th October 2015
Intimation of Abstracts for oral/poster presentations	: 1 st November 2015
Registration Deadline (Early Bird)	: 31 st October 2015

All communications should be addressed to

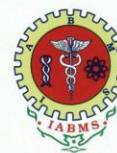
Dr. A. Hannah Rachel Vasanthi,
Organizing Secretary

Dept of Biotechnology, Pondicherry University,
R. V. Nagar Kalapet, Puducherry-605014

Email: iabms2015pu@gmail.com, Phone : 0413-2656745 (O), Mobile : 9443135842

Final circular

36th Annual Conference of Indian Association of Biomedical Scientists (IABMS)



Theme

Translational Sciences: Bridging Ancient and Modern Biomedicine

18th - 20th December 2015

&

Dr. Saradha Subramaniam Memorial Pre-Conference Workshop
on "Techniques in Pre-Clinical Studies"

17th December 2015



Organized
By

Department of Biotechnology
School of Life Sciences
Pondicherry University
Puducherry-605014



PATRON - Vice Chancellor, Pondicherry University

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Convenor	: Dr. N. Arumugam , Head, Dept. of Biotechnology
Organizing Secretary	: Dr. A. Hannah Rachel Vasanthi , Dept. of Biotechnology

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Ms. Gokula priya

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WELCOME TO PUDUCHERRY FOR THE 36th ANNUAL CONFERENCE OF IABMS UNION TERRITORY - PUDUCHERRY

Pondicherry, now Puducherry about 160 km down south of Chennai on the Coromandel Coast of Bay of Bengal is a Union Territory with one of the highest levels of quality of life in the country with excellent physical infrastructure and almost a hundred percent literacy level. A unique experimental city, Auroville, whose inhabitants are drawn from all parts of the world is situated in the outskirts of the city. Puducherry still carries several marks of French culture and heritage. The climate is tropical (between 18 and 38 degree Celsius) with two monsoons, having fairly heavy rainfall in November and very moderate rainfall in July. It is well connected with the rest of India by road, rail and air up to Chennai. There are frequent flights from Chennai to many national capitals and other important destinations across the world.



PONDICHERRY UNIVERSITY

Pondicherry University, located in Puducherry, the capital city of the Union Territory of Pondicherry, is one of the fastest growing Central Universities of India established under "University act 1985". The University spread over 800 acres of lush green campus on the sea shore of Bay of Bengal is an ideal place for Academic and Research pursuits. It has a spectrum of disciplines and eminent faculties who contribute to the progress of the University which had celebrated its silver jubilee recently. This university is one of the fastest growing in the country and continues to progress steadily. It has a student strength of 6,500 from around the globe and is portrayed as mini India. It was the first university in the country to provide students the Choice Based Credit system (CBCS) and a model university for a reputed community college for the benefit of local students on job oriented vocational courses. More than 32 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 are also offered. The department is funded by the Department of Biotechnology, Department of Science and Technology (DST) and University Grants Commission (UGC), 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 attest the quality of research work carried out in the department. The department is proud of its alumni in various spheres of learning and research both nationally and internationally.

Dr. SARADHA SUBRAMANIAM MEMORIAL PRE-CONFERENCE WORKSHOP

A pre-conference workshop will be held on **17th December 2015** in memory of the first president of IABMS, (Late) Dr. Sarada Subramaniam. The workshop is on "Techniques in Preclinical Studies". The idea of the workshop is to provide an overview of experimental protocols for studying various bioactivities using experimental animals. Preparation of experimental designs for both pharmacological and toxicological studies as per OECD, WHO and Schedule Y guidelines would be given. Basic inputs on laboratory animal handling would be demonstrated. An insight on preparing proposals for the Institutional Animal Ethics Committee as per CPSCA guidelines would also be highlighted by experts from CPSCA, Govt. of India. The registration fee for the workshop is as follows

	Till 31st Oct 2015	After 31st Oct 2015
IABMS Members	Rs. 400	Rs. 500
Non Members	Rs. 500	Rs. 600
PG Students	Rs. 300	Rs. 400

TRANSLATIONAL SCIENCE: BRIDGING ANCIENT AND MODERN BIOMEDICINE (18th - 20th December 2015)

The 21st century is regarded as the era of unprecedented development in pharmaceutical and biotechnology research 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, bio therapeutics and genome based drugs and a whole range of functional foods and nutraceuticals. Another arm of healthcare is the technologies which can be used in diagnosis, prognosis and improving quality of life. Although these developments have revolutionized the healthcare industry in the recent past, there exist number of hurdles in the process. Hence, people were looking for the strategies to overcome such obstacles and translational science has come handy. It is a multidisciplinary form of science that bridges the recalcitrant gaps that sometimes exist between fundamental science and applied science, necessitating something in between to translate knowledge into applications. Translational research bridges clinical and basic research to formulate research studies based on clinical observations and to implement the clinical applications of basic research and disseminate to population - based community interventions. Although basic and clinical scientists have long collaborated, translational research challenges investigators to move beyond the traditional training of both laboratory scientists and clinicians. The complexity of modern biomedical research continues to increase and needs to address issues such as, What types of novel state-of-the-art technologies can be used in patient-oriented research? How can we foster relationships among researchers with different areas of expertise? And ultimately how the translational research outcomes are catered to the public at large? Hence, this meeting would be a platform for basic biomedical scientists to interact with clinical counterparts and industry partners to cater to the needs of the society.

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 from testing to commercialization. Nearly 30% of drugs developed for modern medicine has its origin and leads from traditional knowledge/medicine. This conference on Translational Science would help to bridge the gap between ancient and modern medicine and would be a platform to exchange ideas from both systems of medicine which includes, experts from Ayurveda, Siddha, Unnani and Yoga and specialists from modern medicine and the basic scientists of interdisciplinary and multidisciplinary fields.

India is expected to emerge as a strong player in the production and sale of pharma/biotech products for healthcare in the coming years. In order to address the recent advances and trends in health care and the role of industry - academia interaction in translational research which provides



36th Annual Conference of Indian Association of Biomedical Scientists (IABMS)



REGISTRATION FORM

Personal Details

1. Name : _____

2. IABMS Membership No : _____

3. Address for Communication : _____

4. Designation : _____

5. Name & Address of the Institute : _____

6. Email ID : _____

7. Mobile/Phone No : _____

8. Category (Tick relevant box) : IABMS member Non-Member
 Student/Research Scholar Associate Delegate

9. Number of Accompanying Person : _____ nos / Name : _____
(If any)

Conference / Workshop Participation & Registration Details

10. Nature of paper /abstract Presentation : Oral Poster Award paper IABMS Title/Citation
(Tick relevant box)

11. Title of the paper/abstract (with name)
Presentation : _____

12. Whether Registered for Pre-Conference
Workshop (tick relevant box) : Yes No

13. Mode of Registration
(Tick relevant box) : Before 31st Oct. 2015 After 1st Nov

Accommodation / Food Preferences Details

14. Expected days of stay in Puducherry : _____days

15. Mode of Accommodation preferred : Dormitory Guest House Single Double
(Tick relevant box)

if double room Accommodation is required, Hotel Star Hotel Self-accommodation
specify the name(s) of accompanying person here _____

16. Preference of Food : Vegetarian Non-Vegetarian
(Tick relevant box)

17. Special Requirements if any : _____

Details of Payment

18. Payment for (Tick relevant box) : Pre-Conference Workshop
Conference
Spot Registration
Accommodation Advance for _____days

20. Details of Payment : DD. No : _____
Date : _____
Bank : _____

Signature of the Supervisor / HOD
(in case of Student)

Signature of the applicant

Date:

Place:

Please Note:

1. Please send 2 copies of abstracts along with soft copy in CD in MS-Word/ or email to iabms2015pu@gmail.com (2003 or Higher Version) in single line spacing; Times New Roman font, size 12.
2. All the award winners must register for the conference.
3. Abstracts submitted without registration fee will not be entertained
4. Please fill your registration form and enclose your DD (drawn in favour of ORGANIZING SECRETARY IABMS-2015 CONFERENCE, payable at Pondicherry).
5. Send registration form, abstract, DD and your enquiries to Dr.A. Hannah Rachel Vasanthi, Organizing Secretary, 36th Annual Conference of IABMS, Dept. of Biotechnology, Pondicherry University, Kalapet, Puducherry, 605014 along with a cover letter on or before 31st October 2015. Late submission of abstract is not encouraged.