

Brochure

**International Conference on
Innovations in Pharma and Biopharma
Industry**

(ICIPBI-2017):

Challenges and Opportunities for
Academy and Industry
(20-22 December, 2017)

Special Sessions

Regenerative Medicine Innovations as Future
Medicine of 21st Century Cancer and Infectious
Disease Research – New Drug Discovery and
Development Data Science Workshop

Organizers:



University of Hyderabad
Hyderabad

With participation from:



Association of Biotechnology and Pharmacy

Conference

Indian pharma is transforming with biotech portfolio in development of biologicals in both biosimilar and novel molecules. The strong IT base, state of the art infrastructure and large pool of scientific power can be exploited for the design and development of innovative therapeutics. There is a need to refocus pharmaceutical research away from early discovery activities by involving academia in the forefront in partnership with industry to focus on emerging technologies of therapeutic development. This shift in the focus of the industry from early to current stage drug discovery will enable the translation of publicly funded research and lead to the cost-effective development of drugs. Moreover, they can overcome the challenges in drug discovery like increasing costs, decreasing productivity, and attrition of projects. This requires strong linkages between academia and industry. Push and Pull models have to be created where 'push' from the academy and 'pull' from the industry will help in more effective linkages for innovative product developments. To make these novel partnership models successful, sustainable funding strategies required to be considered for creation of specialized core facilities within the academic institutions and stronger academy- industry partnership need to be developed. In addition, there is need to create an ideal environment for scientist-based start-up enterprises focusing on innovation and creativity. This not only creates job opportunities for young graduates coming out of Universities and Institutes, but also channelizes the early discoveries towards innovative and novel products and thus nation building.

Much of this translational work occurs through collaborations between academic (basic as well as clinical) and industrial institutions, taking advantage of the respective strengths and resources of the all sectors. However, such collaborations sometimes can be challenging due to differences between the cultures and priorities of the two parties. Under this scenario

the University of Hyderabad with participation of Association of Biotechnology and Pharmacy (ABAP) align itself with a national mission of start-up India, digital India, green India, and inclusive India and is making efforts to organize **ICIPBI-2017** with a focus on providing a platform for basic scientists, clinicians and industrialists to come together and showcase their strengths, expertise and explore collaborations so as to promote novel discovery and development of pharma and biopharmaceuticals.

Theme to be discussed

- Diversity of Animal and Plant Diseases
- New Drug Discovery and Development with Natural Resources
- Cancer Research – Drug Discovery and Development
- Infectious diseases
- Neurological Diseases
- Cell based therapies for management of diseases
- Genome-wide studies
- Genetic and epigenetic basis of diseases
- Transgenic Technology – Human Welfare
- Regenerative Medicine
- Reproductive Biology & Endocrinology
- Monoclonals for therapy and diagnostics
- Translational Research
- Bioinformatics and data science– Human welfare
- Academia-Industry interface
- Regulatory issues

About Organizer

The University of Hyderabad (UoH), a premier teaching and research central university established in year 1974 by an act of Indian Parliament. University ranked in every discipline of Sciences stands among top Institutions in India. School of life sciences was established in 1977 with the vision of promoting interdisciplinary teaching and research. Over the years, it has evolved into 4 departments: Biochemistry, Plant

Sciences, Animal Biology and Biotechnology & Bioinformatics and center for Systems Biology. Currently it is one of the biggest life sciences schools in the country with 57 faculty, ~350 PhD students, ~60 Post-Docs, and ~400 Post graduate and research project students. Faculty and students are highly focused in pursuing research in cutting edge areas of modern biology in basic and applied sciences by utilizing the existing state of the art laboratory facilities in genomics, proteomics, metabolomics, image analysis, bioinformatics etc. Establishment of a Bio-Tech Incubation Center (BIC) at School of Life Sciences is proposed to encourage Translational Research and promote Innovation and Entrepreneurship.

About ABAP

The Association of Biotechnology and Pharmacy (ABAP) was established in the year 2007 with an objective to form a forum for scientists so that they can bring together to discuss and find scientific solutions to the problems of society. The annual meetings will help the members to share their knowledge and publish their research knowledge particularly by members and fellows of the Association and special care will be taken to provide an opportunity for young scientists. Besides this the association is planned to organize symposia, seminars and workshops on current developments of Biotechnology and Pharmacy particularly on the subject of current scientific interest, and the corresponding proceedings will be published regularly. Also, in view of the vast development of science and to disseminate the problems in publication of research work, an international journal of Current Trends in Biotechnology and Pharmacy has been started by ABAP.

Paper Submission

Abstracts for oral and poster presentations must be no longer than 300 words (including title, authors and affiliations) and should reflect one of the themes of the conference. Abstracts should be submitted by

November 15, 2017 in electronic form as an email attachment to: Conference Secretariat <icipbi2017@gmail.com>. Hard copy is also acceptable, if received by the due date. Acceptance of the submissions for presentation will be communicated to the authors by 20th November. An official letter of invitation will be sent to foreign delegates for obtaining visa to attend the conference.

Proceedings

Accepted full papers will be published in the proceedings of the conference. Full papers would be considered for the publication in the proceedings in the aftermath of the Conference.

Awards

The winners will be announced on the final day of the Conference and will be presented in the Valedictory function. The candidate's presence is required to receive the award. If the presenting author is not the Principal Investigator, mentor (Research Supervisor) will be requested to receive the awards.

Gold Medals and Scientist Awards:

- 1) ABAP - Young Scientist Awards - 3 Nos - 1 Gold Medal + 2 Awards (Below 30 years category)
- 2) ABAP - Young Scientist Awards - 3 Nos - 1 Gold Medal + 2 Awards (Above 30 years category)
- 3) ABAP - Junior Scientist Awards - 6 Nos for UG, PG Students and Scholars - Poster Presentations)

Registration Fee

Academic Delegates	: Rs. 1,500
For ABAP Members	: Rs. 1,000
Industry/Sponsored Delegates	: Rs. 3,000
Accompanying Person/ Students	: Rs. 1,000
Foreign Delegates	: \$200

DD may be sent in favor of **Director of the International Conference**, payable at **University of Hyderabad, Hyderabad, India**

Important Dates

Abstract Submission	: November 25, 2017
Acceptance of Abstract	: November 30, 2017
Accommodation Request	: December 5, 2017
Registration Last Date	: December 5, 2017

Travel Support

Travel support will be available for a few participants and young scientists from India. Preference will be given to invited speakers, and young scientists submitting full paper for publication in the conference proceedings.

Contact:

Convener, Conference Secretariat,
School of Life Sciences, University of Hyderabad,
Hyderabad, Telangana – 500 046 INDIA. Ph:
+914023134730;
Email: icipbi2017@gmail.com

Patron: Prof. Appa Rao Podile

Conveners: P. Prakash Babu,
P. Reddanna,
A.K. Kondapi

Advisors: Ch. Venkata Ramana,
P. Jagan Mohan Rao,
Mrinal Kanti Bhattacharyya

Organizing Committee:

Krishnaveni Mishra, Naresh Babu V Sepuri, K.P.M.S.V. Padmasree, J.S.S. Prakash, S. Rajagopal, H. A. Nagarajaram, Saradadevi Tetali, Ragiba Makandar, Gopinath, Kodetham, Y. Suresh, Bramanandam Manavathi Gutti Ravikumar, Irfan Ahmed Ghazi, Kota Arun Kumar, M. Venkataramana, Vaibhav Vindal, Sunanda Bhattacharyya, Insaf Qureshi, G. B. Madhu Babu, A. Bindu Madhava Reddy, Radheshyam Mourya, Mohd. Akif, Nooruddin Khan, Arunasree M K, Santosh Kumar Padhi, Rahul Kumar, Jogi Madhuprakash, Pankaj Singh Dholaniya