



About the Conference



International Conference on "Bioproducts and The Omics Revolution" will be held at Jaypee Institute of Information Technology, Noida.

Bringing together the academic research, Industrial R&D, Manufacturing and Sales leaders & professionals under one roof, this Conference will be a joint effort of JIIT & Scientity Inc. The scientific program of the conference would include invited talks from eminent scientists in the field of bioproducts and application of omics platform to further enhance the discovery and innovation of different bioproducts. Abstracts of original research work from students, researchers, academicians and scientists are invited for the two day poster presentation during the scientific conference.

VENUE: Jaypee Institute of Information Technology, A-10, Sector-62, NOIDA

DATES: 16th - 17th March 2013 (Saturday - Sunday)

Target audience: Under and post-graduate, research and post-doctoral students, faculty, industry.

CONFERENCE HIGHLIGHTS

- Insights into the global academic and industrial advances in the field
- Lectures, Panel Discussions and Question - Answer Session
- Networking Lunch

CONFERENCE GUEST OF HONOUR

Prof. Michael Goodfellow, Former Head, School of Biotechnology. He is considered to be a global authority in the field of Natural Product discovery and his internationally significant research has fetched him numerous honorary degrees and awards. His contributions to the field of novel antibiotic discovery have impacted healthcare all over the world. Michael Goodfellow has around forty years research funding from sponsors such as the European Commission, Research Councils (BBSRC, ESRC, MRC and NERC), The British Council and industrial concerns, notably Glaxo Smith Kline, Novartis and Severn Trent Water (51 funded projects in total). He has presented keynote lectures at hundreds of international symposia.

CONFERENCE AGENDA

The need for global community access to and benefit-sharing of bio-resources will be one of the highlights of this conference. India (one of the 17 mega diverse countries in the world) and Indian scientists can play a proactive role in ensuring accelerated drug discovery. To harness bio-resources effectively, investment in bio-products sector is essential. This includes strengthening research capacity in taxonomy and systematics of bio-diversity - one of the neglected fields of research globally. New technologies such as improved nucleic acid analysis, computer science and analytical chemistry provide high throughput solutions and can advance study of bio-diversity to address issues targeting the healthcare sector. A session on academia-industry alliances will focus on systematics. Currently, facilities for identification of microorganisms are scattered across CROs and universities. Integrated facilities incorporating next generation and high throughput technologies are the need of the hour for exploiting bio-resources. The investments required for setting up such facilities, collaborations between academia and industrial partners for setting up these facilities, their commercial potential, for knowledge generation and as centres for training of future taxonomists will be debated on.

Conference Speakers

The Conference features host of distinguished subject matter experts



Prof. Michael Goodfellow (MBE)
Former Head, School of Biotechnology
Newcastle University, UK
Director Demuris Ltd.



Prof. Rup Lal
Department of Zoology
University of Delhi
Editor-in-Chief, Indian Journal
of Microbiology



Dr. (Prof.) Sanjeev Shama
Head, Department of Biotechnology
JIIT, NOIDA



Dr. Amit Saxena,
Associate Research Director,
Reliance Life Sciences, Mumbai



Prof. A.K. Srivastava
Department of Biochemical Engineering
& Biotechnology Indian Institute of
Technology, Delhi

Call for Posters

Abstracts of original research work from students, researchers, academicians and scientists are invited for poster presentation and selected abstracts will be published in the International Journal of Pharma and Biosciences. (ISSN 0975-6299)

Deadlines

28th February: Submission of abstracts

8th March: Notification of acceptance

Procedure

Abstracts should not exceed 200 words and should clearly state research questions, methodology and results/conclusions.

Abstracts should be in Times New Roman and include title (14 point), authors and affiliations (12 point), abstract (200 words, 12 point), 5 keywords (12 point). It would not be possible to edit the abstracts for typing, spelling, or grammatical errors after submission.

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About JIIT



JIIT has been declared Deemed to be University under Section 3 of UGC Act. With a modern world class, state-of-the-art campus, it ranks amongst the top tier of new generation institutions in India. Backed up by the strong JAYPEE group, it is all set to become a Center of Excellence in emerging areas of education, training and research comparable to the best in the world for producing professionals who shall be leaders in innovation, entrepreneurship, creativity and management.

About Department of Biotechnology at JIIT

To address the need for scientific talent to sustain the phenomenal growth in the biotech industry, JIIT in the year- 2002 set-up "Biotechnology Department" with a mission to develop- quality human resource and research infrastructure. The department offers UG/Dual- Degree in biotechnology and doctoral program, and supports multi-disciplinary curricula designed to provide foundation from which students can understand and exploit the potential of biotechnology. A balanced mix of faculty drawn from both academia and industry with rich R&D exposure both in India and abroad contributes to the department academic excellence. Invited lectures from eminent speakers in diverse subject areas, conferences, and research-driven training through industrial internship, and minor and major project components in the UG/Dual-Degree program ensures that students are in touch with applied scientific knowledge.

The department has active research program at doctoral level supported by generous Research Assistantships from the JIIT research corpus and project research grants. The faculty research efforts, though at nascent stages, in subject areas of functional genomics, microbial biotechnology, bioremediation, molecular mechanisms of therapeutic properties of Indian medicinal plants, and nanotechnology applications has resulted in research grants totalling approximately INR 3.45 crore from premier National funding agencies of Govt. of India including Department of Biotechnology (DBT), Department of Science & Technology (DST), All India Council for Technical Education (AICTE), AYUSH, Ministry of Health & Family Welfare and Indian Council of Medical research (ICMR).

The department has been successful in carving a niche for itself on the national biotech education map. The accreditation of the biotechnology program by NBA (AICTE) is recognition of quality of its curriculum, support laboratory infrastructure, faculty quality, R&D efforts, and student placement. The biotechnology program has been consistently ranked in top private institutes quality of its education, research infrastructure, and industry interaction. The program has been successful in instilling scientific spirit and promoting creative enthusiasm of the faculty and students as evidenced from publications in International/National Journals and conferences, and by the several prizes won by the students at national level competitions at prestigious institutions (British Council, IITs, NSIT, Delhi Univ. etc.) in domains as diverse as innovative technology idea, business plan, technical papers and sports. The standard of our UG/Dual degree programs is exemplified by the fact that our students have secured positions in graduate schools for MS/Ph.D. at universities of international/National repute i.e., John Hopkins, Georgia Tech, Keck Graduate Institute, Penn State, Georgia Tech, IITs etc. amongst others). Many students have secured employment in core biotechnology firms including apart from others Panacea Biotech, Cadilla Biotech, and Premas Biotech Ltd.

The department adequately addresses the biosafety risks associated with modern biotechnology as well as awareness generation on the biosafety aspects and regulations, through an Institutional Biosafety Committee (IBSC) comprising of expert faculty members from institution and DBT appointed nominees. A technical society "RIBOSE" (RESONANCE IN BIOTECHNOLOGISTS AND ENGINEERS) spreads awareness about the science of Biotechnology.