

(Theme: Meeting the Needs of a Changing World)

Summary

Biotechnology-2015 is the premier event which brings together a unique and International mix of experts, researchers and decision makers both from academia, Biotech, Pharmaceutical, and healthcare industry all around the globe to exchange their knowledge, experience and research innovations to build a biotechnology community. This forum enables a common platform where any participant can discuss their research in order to establish a scientific network that binds together the academia with industry leads to foster collaboration and to evaluate the emerging issues, technologies, and innovations in the arena of biotechnology and allied fields to explore new possibilities and improving the existed opportunities.

Biotechnology-2015 aims to promote the international and national exchange of ideas, promote collaborative research network among academia and industry. Besides this dissemination of knowledge this world congress brings an opportunity for professionals to build up a scientific and professional network as well. Biotechnology-2015 Hyderabad, India is supported by international and national societies like; European Biotechnology Thematic Network Association (EBTNA), Valencia Bioregion (BIOVAL), Spain, Federation of Spanish Biotechnologist (FEBiotec), Spain, Neo Biomed Services and Fondazione Puccinelli, Italy.

The organizing committee is gearing up for an exciting and informative conference program that includes, Keynote Forum, Plenary Lectures, Symposia, Workshops, Poster Presentations, Poster Competitions, Young Research Forum. We invite you to join us for Biotechnology-2015, where you will be sure to have a meaningful experience with scholars from around the globe. Our beloved Organizing Committee and associate members are looking forward to meet you at Hyderabad, India.

For more details please visit- <http://biotechnologycongress.com/>

Importance & Scope

Biotechnology-2015, Hyderabad, India is a special designed cluster of scientific events covers a range of topics including, but not limited to; Applied Biotechnology, Bioanalytical Chemistry, Medical and pharmaceutical biotechnology, Agricultural Biotechnology, Industrial biotechnology, Microbiology, Immunology, Medical Microbiology, Cell culture, Renewable energy technology, Nanobiotechnology, Bioprocess and food processing technology, Environmental Biotechnology, Cell biology, Genetic Engineering and Molecular Biology, Tissue Engineering, Biosensor, Cancer Biology, Bioinformatics and Computational biology etc.

Biotechnology-2015 scientific events stuffed with various international Symposiums and Workshops given below:

- Workshop on NIH Research Resources in Biotechnology by Dr. Mukesh Verma, National Institute of Health, USA
- Workshop on ProDy: A python-based software tool to analyze structural dynamics by Indira Shrivastava, University of Pittsburgh, USA

Biotechnology-2015 is an international platform for presenting research in the arena of Biotechnology and allied fields, exchanging ideas, contributes to the dissemination of knowledge for the benefit of both the academia and business. Biotechnology-2015 provides

international platforms for the industries and companies to showcase their product and services interact directly with prospective clients via B2B meetings and to explain their products or services in front of broad researcher groups that helps them in enhancing their market value and enhancing the branding.

Why Hyderabad?

Hyderabad is the capital of the state of Telengana, the fifth largest city in India. Hyderabad is a rapidly growing metropolitan area with limitless potential when coming to investment stuffed with It has a highly educated workforce, backed by quality power supply, a large pool of skilled and semi-skilled manpower and abundance of mineral resources. Hyderabad is a major investment destination in India and home to many large public and private sector companies.

Hyderabad is the hub for Manufacturing, Information technology, Tourism and Services and are home to several institutes of excellence in Research & Development, Education, Hospitality and Governance. Hyderabad is a biopharmaceutical hub of the world, and known as India's pharmaceutical capital. The establishment of public sector in life science research and the purposely built Genome Valley, Fab City and the Nano Technology Park with dedicated facilities established extensive infrastructure in biotechnology industry are among the global centers of information technology for which it is known as Cyberabad (Cyber City). The development of a township with related technological infrastructure called Hi-Tech City prompted global and particularly US-based IT Companies.

Hyderabad is home to various CSIR and other public sector research institutes such as Indian Institute of Chemical Technology, Indian Drugs and Pharmaceuticals Limited, Centre for Cellular and Molecular Biology, Central Research Institute of Unani Medicine, Centre for DNA Fingerprinting and Diagnostics, National Geophysical Research Institute, National Institute of Nutrition, Indian Immunologicals Limited, Institute of Genetics and Hospital for Genetic Diseases, Center For Food Technological Research Institute, Central Institute for Medicinal and Aromatic Plants.

Including above advantages, it is coupled with excellent transportation for land, rail and air, a lower cost of living compared to other metros, shorter travel times to the workplace and easy availability of a skilled workforce from various institutions, help to make Hyderabad a very attractive as investment, tourism and R&D sector.

Conference Highlights

- Biotechnology in Agriculture
- Biotechnology in Health Care
- Food and Bioprocess Technology
- Cancer and Genomics Research
- Genetic Engineering and rDNA Technology
- Biochemistry, Cell and Molecular biology
- Microbiology and Microbial World
- Animal Biotechnology and Cell Culture
- Bioinformatics and Biosensor
- Environmental Biotechnology and sustainable development
- Aquaculture and Marine Biotechnology
- Current Scenario of Biotechnology

Why to attend?

Meet Your Target Market with members from around the globe. This is your single and the best opportunity to reach the largest assemblage of participants from around 20 countries. Conduct demonstrations, distribute information, meet with current and potential customers, make a splash with a new product line, and receive name recognition at this 3-day event. World-renowned speakers, the most recent techniques, tactics, and the newest updates in Biotechnology fields are hallmarks of this conference.

A Unique Opportunity for Advertisers and Sponsors at this International event:

http://www.omicsgroup.com/conferences/ACS/conference/pdfs/biotechnology2015_Sponsorship.pdf

Major Biotechnology Associations around the Globe

- Association for Assessment and Accreditation of Laboratory Animal Care
- American Association for the Advancement of Science
- American Association of Pharmaceutical Scientists.
- Association of British Healthcare Industries
- Association of the British Pharmaceutical Industry
- Association of Bimolecular Resource Facilities
- American Board of Toxicology
- American College of Clinical Pharmacology
- Association for Clinical Data Management UK
- American College of Laboratory Animal Medicine
- American Council on Pharmaceutical Education
- Association of Clinical Research Professionals
- American College of Toxicology
- Advanced Medical Technology Association

Major Biotechnology Associations in India

- Association of Microbiologists of India
- The Biotech Research Society, India
- All India Biotech Association
- Society for Applied Biotechnology
- Indian Society of Genetics, Biotechnology Research
- The Society for Biotechnologists
- Biotechnology Society of India
- ABLE India
- The All India Crop Biotechnology Association
- Society for Plant Biochemistry and Biotechnology

Target Audience:

Researchers from academia including Professors, associate professors, research scholars, post graduate, graduate and under graduate students, Directors/Managers & CEOs from Industry, Vice Presidents/ Directors & Brand Manufacturers/ Marketers of Consumer, laboratory Products.

Target Audience in %

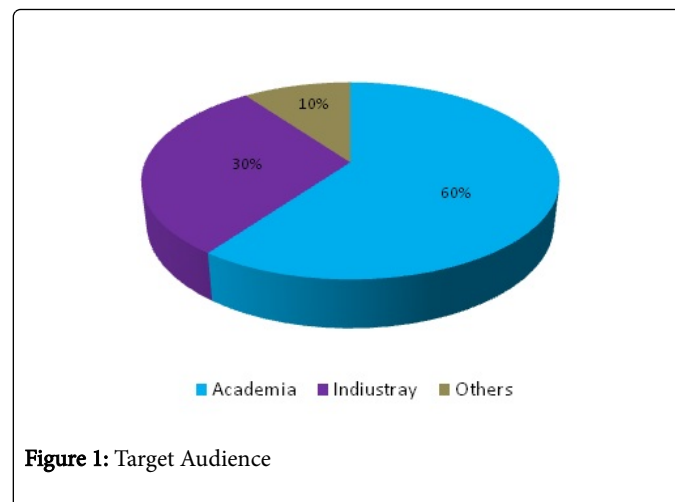


Figure 1: Target Audience

Target Audience Continent wise

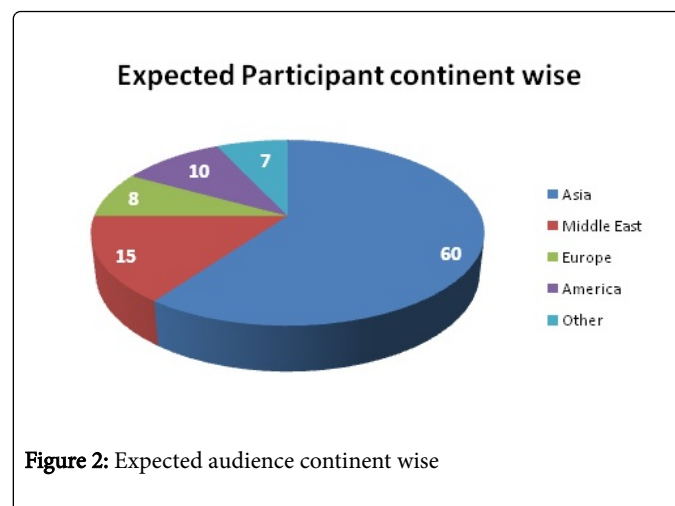


Figure 2: Expected audience continent wise

Government and Public Sector Universities/ Research Centers in India

Biotechnology is a multidisciplinary area and to promote it Indian government has taken major initiatives which may be categorized by different research clusters like: Indian Council of Agriculture and Research, Council of Scientific & Industrial Research (CSIR), DBT, IITs/NITs, ICMR, MHRD star colleges, and other private universities. The details distributions are as follows:

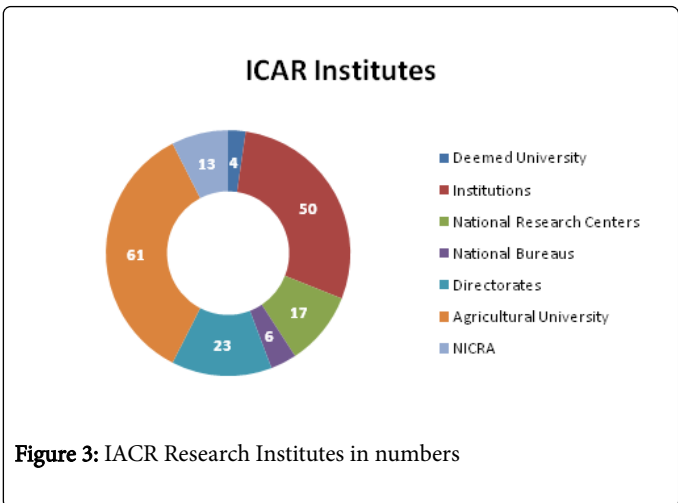


Figure 3: IACR Research Institutes in numbers

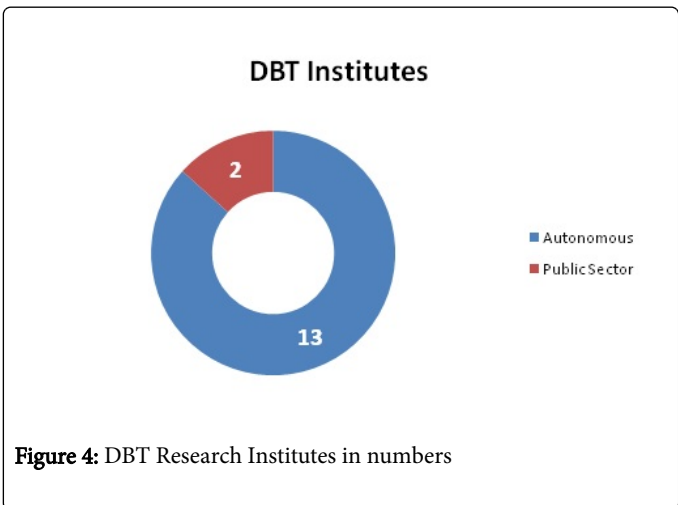


Figure 4: DBT Research Institutes in numbers

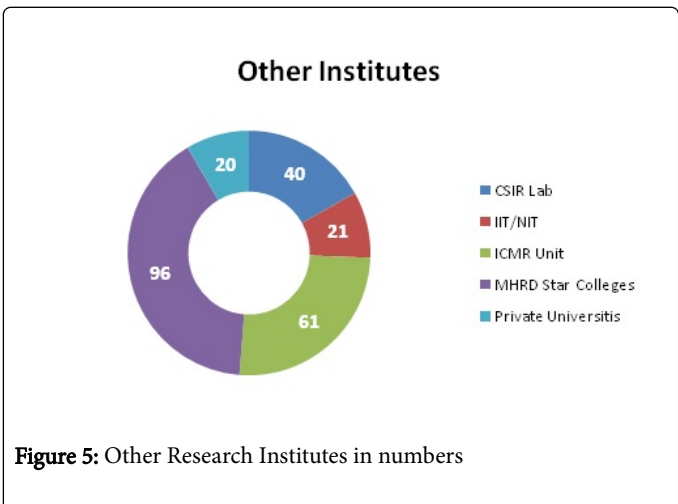


Figure 5: Other Research Institutes in numbers

Companies in Biotechnology Sector- Hyderabad: India: International

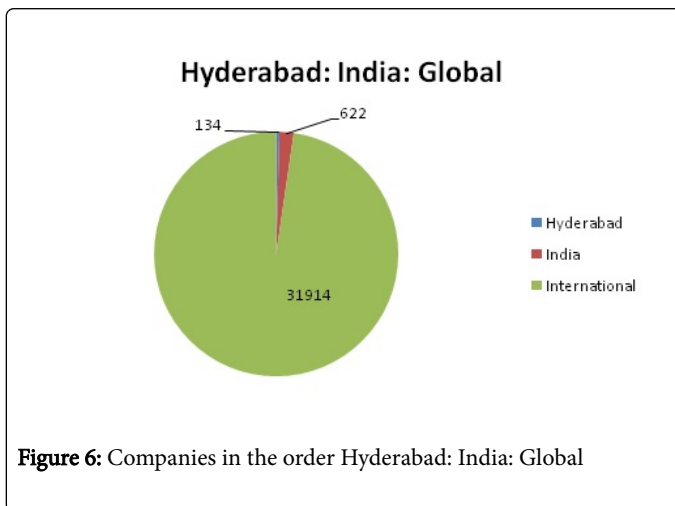


Figure 6: Companies in the order Hyderabad: India: Global

Indian Biotechnology Sector: An Over View

Biotechnology sector is the most significant and rapid growing sector in India enhancing India’s global profile with major contribution to Indian economy. Although it’s a composite sector the major part is captured by Biopharma and Agri Biotechnology. India is among the top 12 biotech destinations in the world and is the largest producer of recombinant Hepatitis B vaccine. Out of the top 10 biotech companies in India (by revenue), six focus their expertise in bio-pharmaceuticals and four specialize in agri-biotech. India had recently overtaken Canada to emerge as the fourth largest country to grow biotech or genetically modified (GM) crops, as farmers here planted Bt cotton in about 11 million hectares. The global acreages under GM crops increased to 175.2 million hectares in 2013, about five million hectares more than the previous year.

The Indian biotech industry holds about 2 % share of the global biotech industry. As per the report published in Make in India initiative; Indian biotech industry will grow at an average growth rate of around 30% a year and reach USD 100 Billion by 2025. Indian bio-economy grew to USD 4.3 Billion at the end of 2013, up from USD 530 Million in 2003. Indian biotech industry grew by 15.1% in 2012-13, increasing the market’s revenues from USD 3.31 Billion in 2011-12 to USD 3.81 Billion in 2012-13. The market size of the sector is expected to rise up to USD 11.6 Billion by 2017 due to a range of factors such as growing demand for healthcare services, intensive R&D activities and strong government initiatives. The Indian biotechnology sector is divided into five major segments; bio-pharma, bio-services, bio-agri, bio-industrial and bio-informatics. The bio-pharmaceutical sector accounts for the largest share of the biotech industry with a share of 64% in total revenues in 2013, followed by bio-services (18%), bio-agri (14%), bio-industrial (3%) and bio-informatics (1%). The revenue from bio-pharma exports reached USD 2.2 Billion in 2013, accounting for 51% of total revenues of the biotech industry.

The Biotechnology sector has seen high growth with a CAGR in excess of 20% and the key drivers for growth in the biotech sector are increasing investments, outsourcing activities, exports and the government’s focus on the sector. The global companies looking to economise, outsourcing to lower cost economies results in a cost arbitrage of more than 50%. To boost up the sector Indian Government initiated with the FDI (Foreign Direct Investment) policy under which up to 100% is permitted through the automatic route for greenfield and through the government route for brownfield, for pharmaceuticals.

To enhance the investment opportunities, the Department of Biotechnology has established biotech parks in various parts of the country to facilitate product development, research and innovation, and the development of biotechnology industrial clusters. Operational biotech parks are located at Lucknow in Uttar Pradesh, Bangalore in Karnataka, Kalamassery and Kochi in Kerala, Guwahati in Assam and Chindwara in Madhya Pradesh. The parks offer investors incubator facilities, pilot plant facilities for solvent extraction and laboratory and office spaces. India constitutes around 8% of the total global generics market, by volume, indicating a huge untapped opportunity in the sector. Hybrid seeds, including GM seeds, represent new business opportunities in India based on yield improvement. For more information, Government policies please visit: <http://makeinindia.com/sector/biotechnology/>

Some Statistics showing growth and opportunities in Biotechnology sector: India

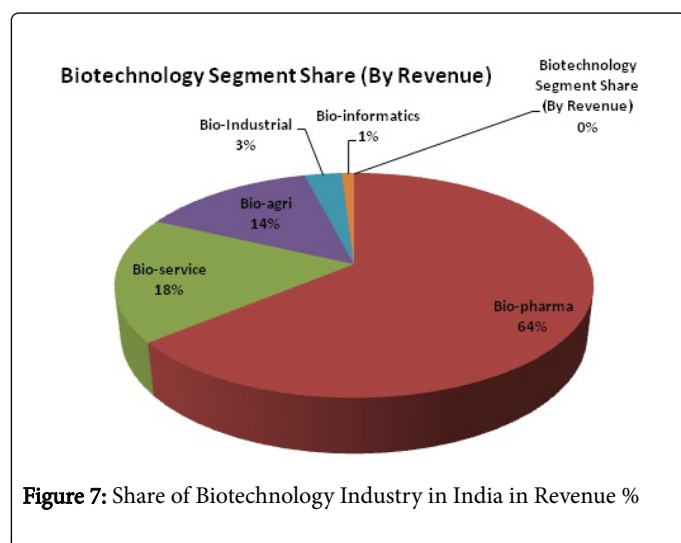


Figure 7: Share of Biotechnology Industry in India in Revenue %

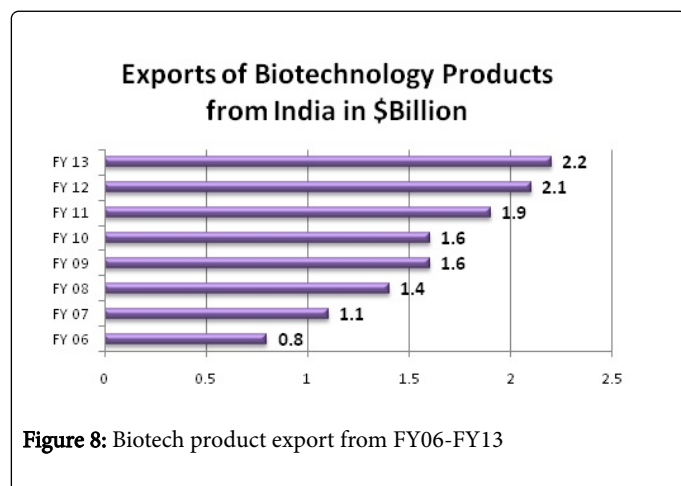


Figure 8: Biotech product export from FY06-FY13

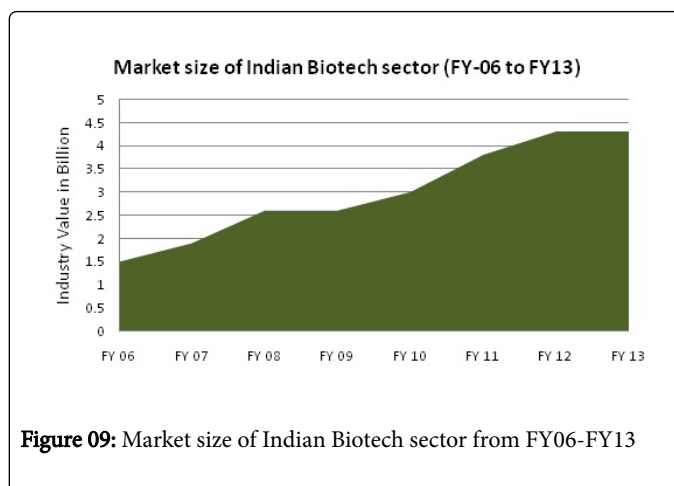


Figure 09: Market size of Indian Biotech sector from FY06-FY13

References

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