

3rd International Conference and Exhibition on Bioprocess & Engineering

Dates and Venue: May 04-05, 2015, Baltimore, USA

(Theme: Bringing Latest Technological Developments of Bioprocess in to Real World Scenario)

Summary:

The monitoring and control of processes is of key importance in all industries. Effective methods of monitoring are required to develop, optimize, and maintain processes at a maximum efficiency and desired product quality. Biotechnology processes are used to produce a large variety of products, such as primary and secondary metabolites, cells, tissues, vaccines, and therapeutic proteins. Different host cell systems are used in the modern biotechnology, for example, bacterial cells, plant cells, and eukaryotic cells, with specific requirements for bioreactor design, media composition, and process control. Especially the production of recombinant proteins and antibodies has become a major source of revenue during the past 30 years, which are typically produced by genetically engineered mammalian cells. The cultivation of mammalian cells requires, among other factors, complex media composition, specialized bioreactor design, and the control of various parameters in narrow ranges to obtain the desired productivity and product quality.

Bioprocess-2015 welcomes attendees, presenters, and exhibitors from all over the world to Baltimore, USA. We are delighted to invite you all to attend and register for the "International Conference on Bioprocess and Engineering (Bioprocess-2015)" which is going to be held during May 04-05, 2015 in Baltimore, USA.

For more details please visit <http://bioprocess.conferenceseries.com/>

Importance & Scope:

A bioprocess is specific process that uses complete living cells or their components to obtain desired products. Transport of energy and mass is fundamental to many biological and environmental processes. Areas, from food processing to thermal design of building to biomedical devices to pollution control and global warming, require knowledge of how energy and mass can be transported through materials. When a product is manufactured in bulk amount, bioprocess engineering plays an important role. Production of synthetic amino acid, beverages, vaccines, hormones, antibiotics all these are accomplished with bioprocess engineering.

Most favored for optimal production

Duplication of these conditions during scaled-up production

Advances in genetic engineering

In solving environmental, pharmaceutical, industrial and agricultural problems

Safety, purity, potency, efficacy and consistency

To deliver quality product to market

The annual Bioprocess Conference is a remarkable event which brings together a unique and international mix of large and medium Pharmaceutical and clinical research and companies, leading universities and research institutions making the conference a perfect platform to share experience, foster collaborations across industry and academia and evaluate emerging innovations around the world.

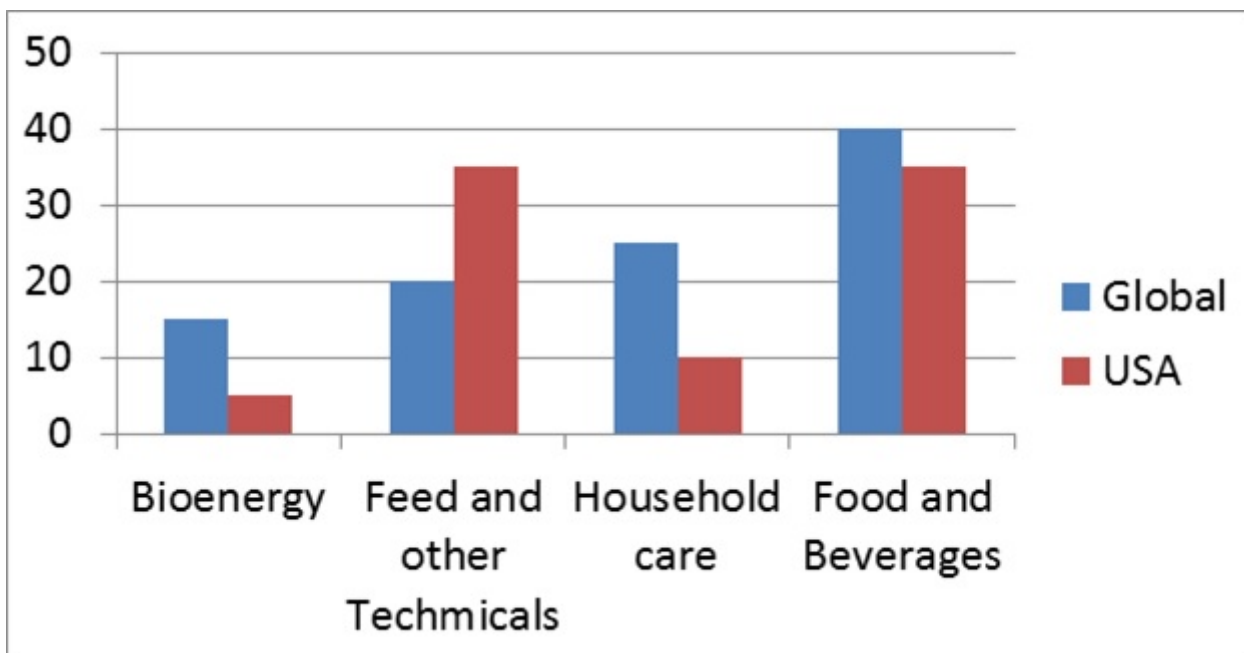


Figure 1: Applications of Bioprocess

Why Baltimore?

Biotechnology, especially the biomedical subset of this field, Baltimore is one among metropolitan region’s industries with the brightest prospects.

The state of Maryland has actively encouraged investment in biotechnology.

The University of Maryland Biotechnology Institute (UMBI) was established in 1985 “to conduct research and training and provide excellence, expertise, and facilities to advance the State’s scientific and economic development future in Biotechnology.

Baltimore is the largest city in the U.S. state of Maryland and the 24th largest city in the country. It is located in the central area of the state along the tidal portion of the Patapsco River, an arm of the Chesapeake Bay. The independent city is often referred to as Baltimore City to distinguish it from surrounding Baltimore County. Founded in 1729, Baltimore is the second largest seaport in the Mid-Atlantic United States and is situated closer to Midwestern markets than any other major seaport on the East Coast. Baltimore’s Inner Harbor was once the second leading port of entry for immigrants to the United States and a major manufacturing center. After a decline in manufacturing, Baltimore shifted to a service-oriented economy, with the Johns Hopkins Hospital and Johns Hopkins University serving as the city’s top two employers. Baltimore is also a principal city in the larger Baltimore–Washington metropolitan area of approximately 8.4 million residents. With hundreds of identified districts, Baltimore has been dubbed “a city of neighborhoods,” and is nicknamed Charm City. The talents of writers Edgar Allan Poe and H.L. Mencken, musician James “Eubie” Blake, and singer Billie Holiday, as well as the city’s role in the War of 1812 and Francis Scott Key’s writing of “The Star-Spangled Banner” have all influenced the city’s historical importance. Baltimore exhibits examples from each period of architecture over more than two centuries, and work from many famous architects such as Benjamin Latrobe, George A. Frederick, John Russell Pope, Mies van der Rohe and I. M. Pei. The Baltimore Area is known for health and science, which is in part attributed to the prestigious Johns Hopkins University school system, the University of Maryland-Baltimore, and other smaller schools such as University of Baltimore,

University of Maryland-Baltimore County, Loyola University and University of Notre Dame.

- University of Maryland, Baltimore County (Catonsville)
- University of Maryland, Baltimore
- University of Baltimore
- Towson University
- Sojourner-Douglass College (Baltimore)
- Morgan State University (Baltimore)
- Loyola College in Maryland (Baltimore)
- Johns Hopkins University (Baltimore)
- Howard Community College (Columbia)
- Anne Arundel Community College (Arnold)
- Baltimore City Community College
- Bowie State University (Bowie)
- Capitol College (Laurel)
- College of Notre Dame of Maryland (Baltimore)
- Coppin State University (Baltimore)

Why to attend???

With members from around the world focused on learning about Bioprocess and engineering, this is your single best opportunity to reach the largest assemblage of participants from all over the world. Conduct demonstrations, distribute information, meet with current and potential customers, make a splash with a new product line, and receive name recognition at this 2-day event.

World-renowned speakers, the most recent techniques, tactics, and the newest updates in fields Bioprocess and engineering are hallmarks of this conference.

Be Part of it!

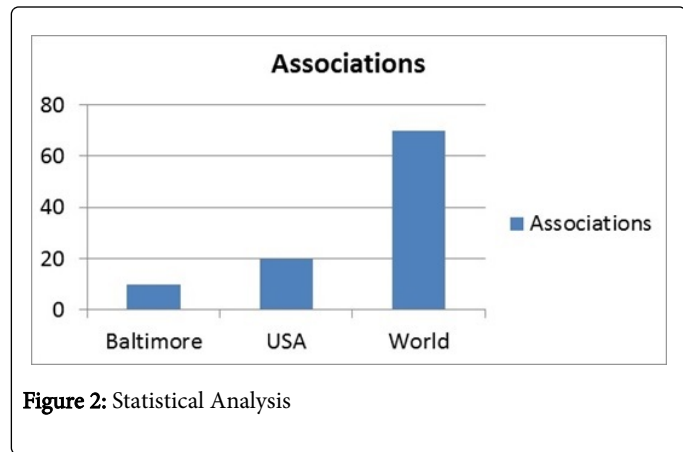
• This conference focusing on all the major aspects in the fields of Bioprocess. It would be beneficial for all the students who ever willing to enter into corporate worlds targeting to the respective fields.

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

<http://bioprocess.conferenceseries.com/sponsors.php>

Associations in Baltimore

- European Association of Pharma Biotechnology (EAPB)
- Bio-Process Systems Alliance (BPSA)
- BIO Deutschland
- GEN
- ASME BioProcessing Equipment (ASME BPE) Standard
- PDA
- ISPE



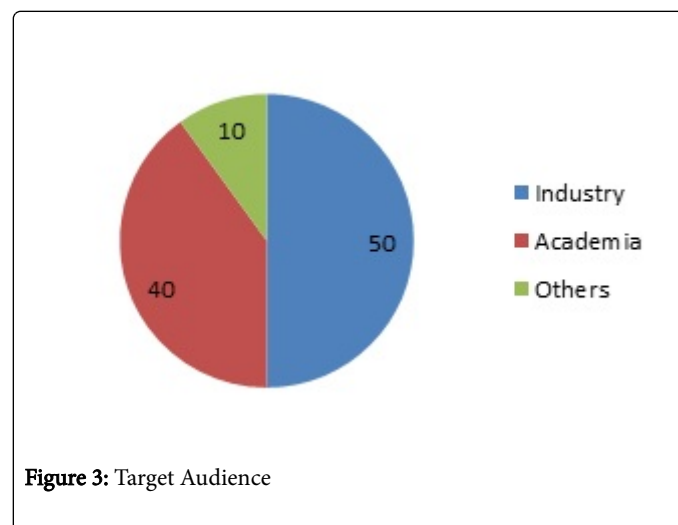
Target Audience

- Bioprocess Professionals
- Drug Discovery & Development Professionals

- Analysts
- Investors
- Distributors
- social media
- Delegates
- Sponsorship & exhibitors
- MD and/or PhD clinicians and scientists

Target Audience:

- Industry 50%
- Academia 40%
- Others 10%



- American Society of Agricultural Engineers (ASABE)
- Institute of Biological Engineering (IBE)
- International Society for Bioprocess Technology (ISBioTech)
- International Society for Pharmaceutical Engineering (ISPE)
- Global Sales Market Analysis

Sales

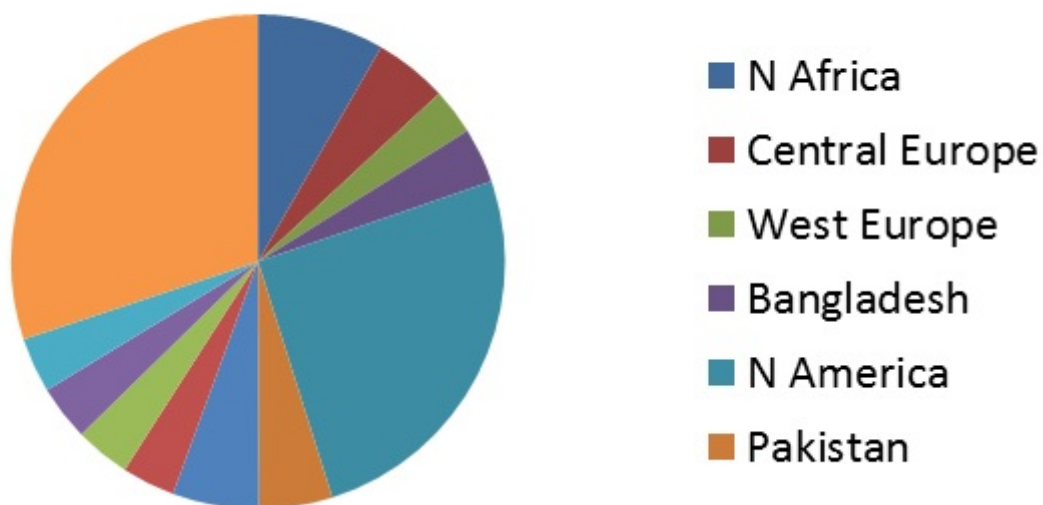


Figure 4: Global market analysis

Source: [Reference 1](#)

1. <https://www.google.co.in/search?q=bioprocess+IMAGES+IN+HD&client=firefox-beta&hs=Jff&rls=org.mozilla:en-US:official&channel=np&source=lnms&tbm=isch&sa=X&ei=FYkpVK3LDc2IuASpn4KoBA&ved=0CAgQ>

2. <http://bioprocess.conferenceseries.com/sponsors.php>
3. www.eapb.org
4. <http://bioprocess.conferenceseries.com/index.php>
5. <http://en.wikipedia.org/wiki/Bioprocess>