Tentative Program

24th Biotechnology Congress: Research & Innovations

October 24-25, 2018 | Boston, USA

Interactive Sessions  Keynote Lectures  Plenary Lectures  Exhibitors  B2B Meetings  Workshops

***For available speaker slots***

https://www.biotechnologycongress.com/america/

www.biotechnologycongress.com/america
### Program at A Glance

#### Day 1

<table>
<thead>
<tr>
<th>Time</th>
<th>General Session</th>
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</thead>
<tbody>
<tr>
<td>09.00-09.15</td>
<td>Inaugural Address</td>
</tr>
<tr>
<td>09.15-09.45</td>
<td>Keynote/Plenary Talk 1</td>
</tr>
<tr>
<td>09.45-10.15</td>
<td>Keynote/Plenary Talk 2</td>
</tr>
<tr>
<td>10.15-10.45</td>
<td>Keynote/Plenary Talk 3</td>
</tr>
</tbody>
</table>

**Morning Sessions**

- **5 Speakers (20 Mins Each)**

**Panel Discussions/Group Photo**

**Coffee/Tea Break 10.45-11.00 (Networking)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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</thead>
<tbody>
<tr>
<td>11.00-12.40</td>
<td>5 Speakers (20 Mins Each)</td>
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**Lunch Break 12.40-13.30**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>13.30-15.30</td>
<td>6 Speakers (20 Mins Each)</td>
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</tbody>
</table>

**Coffee/Tea Break 15.30-15.45 (Networking)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>15.45-17.25</td>
<td>5 Speakers (20 Mins Each)</td>
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</table>

**Evening Sessions**

- **5 Speakers (20 Mins Each)**

**NOTE:** Program Schedule is subject to change with final allotment of the speaker slots

#### Day 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1</th>
<th>Session 2</th>
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</thead>
<tbody>
<tr>
<td>09.00-10.40</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
</tr>
</tbody>
</table>

**Coffee/Tea Break 10.40-10.55 (Networking)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>10.55-12.35</td>
<td>5 Speakers (20 Mins Each)</td>
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**Lunch Break 12.35-13.25**

<table>
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<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>13.25-15.05</td>
<td>5 Speakers (20 Mins Each)</td>
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**Coffee/Tea Break 15.05-15.20 (Networking)**

<table>
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<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>15.20-17.00</td>
<td>Awards and Closing Ceremony</td>
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</tbody>
</table>
Featured Speakers

Keynote Opportunities Available

Title: Towards a better understanding of the biochemical response to stressors such as disease or toxins: IROA® measurement system and workflow
Felice A de Jong, IROA Technologies LLC, USA

Title: Enabling a new era of stem cell medicine: A first technology for determining the dose of therapeutic tissue stem cells
James L. Sherley, Asymmetrex LLC, USA

Title: Novel cytotoxicity and broad-spectrum genotoxicity platforms
Bevin Page Engelward, Massachusetts Institute of Technology, USA

Title: RegenerAge System: Therapeutic effects of combinatorial biologics (mRNA and Allogenic MSCs) with a Spinal cord stimulation system on a patient with Spinal Cord section
Joel I. Osorio, RegenerAge International, USA

Title: Effect of polystyrene surfaces and altered polylactic acid surface chemistries on fibrinogen orientation and endothelialization and its application for coronary
Nupur Dave, Dulles High School, USA

Title: New Class of Biodegradable Polymeric Implants for Bone Regeneration
Fariba Dehghani, University of Sydeney, Australia

Title: Super High Oleic Safflower—Australia’s new high value broad acre crop producing industrial grade plant-derived oil
Carl M Ramage, Rautaki Solutions, Australia

Title: Biotechnological approaches as alternatives for exploiting the production of important secondary metabolites: Rubia tinctorum L. cell, tissue and organ culture – a case study
Ana Rosu, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania

Title: Mono- and dipeptide derivatives of 17β-Amino-5α-androstan-3β-ol
Nanuli Sh Nadaraia, Tbilisi State Medical University, Georgia

Title: Phenolic derivative of polyglyceric acid from medicinal plants its synthethis monomer and their anticancer efficacy
V.Barbakadze, Tbilisi State Medical University, Georgia

Title: Plant biotechnology applied in pharmacological research and in problems of the agricultural sector in México
Elsa Ventura Zapata, National Polytechnic Institute, Mexico

Title: Ligninolytic enzymes and their possible role in future sustainable waste management of non-recyclable paper
Gabriela Kalcikova, University of Ljubljana, Slovenia

Title: Cavitation: A Technological Solution for the Generation of Pharmaceutical Nanoemulsions and Functionalised Carbon Nanomaterials
Siva kumar Manickam, University of Nottingham, Malaysia

Title: Tumor Necrosis Factor Alpha-308 Gene Polymorphism and Risk of Plasmodium Falciparum Malaria Infection among People Living in DenbiaWoreda, North West Ethiopia
Nega Berhane, College of Natural and computational Sciences, Ethiopia
Title: Trichoderma--Plant Interactions: insights on biocontrol and induced resistance to biotic and abiotic stresses
    Ilan Chet, The Hebrew University of Jerusalem, Israel

Title: Recombinant Proteins: from bench to clinics
    Fuad Fares, University of Haifa, Israel

Title: Development of Mesoporous Silica Nanoparticles and Studying the Effect of Chemical Modification on EGFP Plasmid Transfection in Cancer Cell Line
    Mahdokht Mahmoodi, Shiraz University of Medical Sciences, Iran

Title: Mutation characterization and heterodimer analysis of patients with leukocyte adhesion deficiency: Including three novel mutations.
    Shahram Teimourian, Iran University of Medical Sciences, Iran

Title: Antibacterial activity of methanolic root extract of asparagus racemosus
    Mukhtiaruddin, Kohat University of Science and Technology, Pakistan

Title: Glioblastoma Multiforme and Indian medicinal plants
    Rachana Kaushal, Jaypee Institute of Information Technology, India

Title: A Novel Enzyme Extracted from Aloe vera Plant used in Hide Unhairng Leather Process
    Durairaj Jothi, Bagavathi Bio Tech Chemical Company, India

Title: Nutritional quality of biofortified wheat floor as influenced by phytase treatments
    Vinod Kumar, Eternal University, India

Title: Role of Vitamin D deficiency and cellular bioenergetics in Diabetes
    Shalini Mani, Jaypee Institute of Information Technology, India

Title: Dairy Effluent conversion into biofertilizer using tailor made microbial consortium
    Shaon Ray Chaudhuri, Tripura University, India

Speaker Slots are Available

Exhibitor & Sponsorship slots available

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**Note: Tentative program has been designed with the projected speakers names and titles.**
Boston is one of the oldest cities and is the capital and most populous city of the Commonwealth of Massachusetts in the United States. It has become the latest city to commit to running on 100% renewable energy. Its plenty of museums, historical sights and abundance of live exhibitions for these reason the city gets 16.3 million visitors a year, making it one of the ten most prominent visitor areas in the nation. Boston is surrounded by the “Greater Boston” region. Boston is sometimes called a “city of neighbourhoods” as a result of the bounty of differing subsections; the city government’s Office of Neighbourhood Services has authoritatively assigned 23 neighbourhoods. Boston has a humid continental climate. Boston’s schools and colleges apply a huge effect on the territorial economy. Boston pulls in more than 350,000 understudies from around the globe, who contribute more than US$4.8 billion every year to the city’s economy. Boston has been known as the “Athens of America” for its abstract culture, procuring notoriety for being “the scholarly capital of the United States. City attractions of Boston: Freedom Trail-The threemileFreedom Trail leads you past - and into - 16 of the city’s principal historic monuments and sites. It’s easy to follow, by the line of red bricks in the sidewalk and by footprints at street crossings. Begin by picking up brochures on the attractions at the Visitor Center in the Boston Common before heading to the State House. Faneuil Hall-Known as the “cradle of liberty,” Faneuil Hall was built in 1740-42 by Huguenot merchant Peter Faneuil as a market hall and presented to the city on condition that it should always be open to the public. The ground floor is still occupied by market stalls; on the upper floor is a council chamber, which in the 18th and 19th centuries was the meeting place of revolutionaries and later, of abolitionists. On its fourth floor is the Ancient and Honourable Artillery Museum, with weaponry, uniforms, and paintings of significant battles.

24th Biotechnology Congress: Research & Innovations welcomes you to the exciting city of Boston!!
Plan your Trip to Boston, USA

- Boston Public Library
- Boston Seaport
- Freedom Trail
- Gibson House Museum
- Hynes Convention Center
- Massachusetts State House
- Back Bay skyline
Major Scientific Sessions

- Agricultural Biotechnology
- Plant Biotechnology
- Environment Biotechnology
- Food Processing safety and Technology
- Animal Biotechnology
- Pharmaceutical Biotechnology
- Cell science and Tissue science engineering
- Genetic Engineering
- Molecular Biology
- CRISPR/Cas 9 Technologies
- Industrial Biotechnology
- Bioinformatics
- Biofuels
- Biomass and Bioenergy
- Recycled Fuels
- Nano Biotechnology

Best Poster Award
- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster.
- Judges will even evaluate the student’s enthusiasm towards their study, interest and knowledge in the area of their research.
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement.
- Apart from the judging time you may also be present at the poster to share your research with interested delegates.

Young Researchers Forum
- Present your research through oral presentations.
- Learn about career development and the latest research tools and technologies in your field.
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research.
- Develop a foundation for collaboration among young researchers.
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe.
- Interact and share ideas with both peers and mentors.

Conference Venue: Boston, USA

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