Scientific Program

15th Asia-Pacific Biotechnology Congress

July 20-22, 2017 Melbourne, Australia

Theme: Novel Innovations and Strategies for Sustainable HealthConference



Interactive Sessions

Keynote Lectures

Plenary Lectures

Workshops

Exhibitors

B2B Meetings

For available speaker slots

bioasiapacific@geneticconferences.com

Day-1
20 July 2017
Registrations
Opening Ceremony
Keynote Forum
Introduction
Title: Stem cell therapy for the treatment of severe tissue damage after radiation exposure
Alain Hapel, Institute of Radiological Protection and Nuclear Safety, France
Title: Uptake and Translocation of Biobased Polymer in Plant Tissue
Khwaja Hossain, Mayville State University, USA
Group Photo
Coffee Break
Session Introduction
Title: Free floating brain sections for immunofluorescence markers: A technical approach
Emmanuel Loeb, Hebrew University, Israel
Title: Bioconversion of rubber seed to produce protein and oil rich-biomass employing black soldier fly larvae assisted by microbes
Muhammad Yusuf Abduh, Institute of Technology of Bandung School of Life Sciences and Technology, Indonesia
Title: A preliminary pharmacological study on hypoglycemic and anlagesic effects of Momordica charantia L. (fruits, boiled and non-boiled) methanol extract in Swiss Albino mice
Md Zahid Hasan Khan, University Of Development Alternatives, Bangladesh
Title: Characterization of Aspergilli in Section Flavi
Naureen Akhtar, University of the Punjab, Pakistan
Slot Available
Slot Available
Lunch Break
Title: Endotoxin Diagnostics and Depyrogenation - from Cloning to Biomedical Applications
Jeak Ling Ding, National University of Singapore, Singapore
Title: Expressions of pathological markers in PRP based chondrogenic differentiation of human adipose derived stem cells
Arezou Pakfar, Islamic Azad University, Iran
Title: Cholesterol uptake in mammalian cells supplemented with Edible Bird Nest (EBN) extract
Mokrish Ajat, Universiti Putra Malaysia, Malaysia
Title: Global Status of Biosimilars & Prospects in Asia
Md Abu Zafor Sadek, University of Dhaka, Bangladesh
Coffee Break
Title: A review of rise of Modern Pharmaceutical Biotechnology in Antibiotic Drug Discovery and development from Natural Sources and future implications
Daniel Muleya Mavu, University of Namibia, Zambia
Title: One-Step Assembly of Organophosphorus Hydrolase and Affinity Peptide on Phage and Its Application on Biosensor
An-Yu Chen, National Taiwan University of Science and Technology, Taiwan
Title: An FPGA-based chaos synchronisation classifier for estimation of peripheral vascular occlusion using photoplethysmography
Jian-Xing Wu, National Synchrotron Radiation Research Center, Taiwan
Title: Why pregnant women do not adherent to Iron/Folate Supplementation? : A Cross-Sectional study
Soraya Siabani, Kermanshah University of Medical Sciences, Iran
Panel Discussion

Day-2
21 July 2017
Registrations
Keynote Forum
Session Introduction
Title: Chromosomal Microarray in Detection of Prenatal Submicroscopic Chromosome Abnormalities
Meenu Singh, Noida Institute of Engineering & Technology, India
Title: Genetic engineering of tobacco plants by expressing arsenic responsive genes of Lysinibacillus sphaericus and Arabidopsis thaliana for removal of arsenics from the contaminated lands
Abul Mandal, University of Skövde, Sweden
Coffee Break
Slot Available
Title: Understanding Pain in Aged Care: Exploring the nature and treatment of chronic pain in the Australian aged care setting
Leah Bisiani, GreenC Medical, Australia
Title: Biomodulatory Effects of Lllt on Bone Regeneration
Mohammad Nazrul Islam, Shaheed Suhrawardy Medical College and Hospital, Bangladesh
Title: Histopathology criteria suggesting Microsatellite instability in colorectal cancer in Iranian patients
Soraya Siabani, Kermanshah University of Medical Sciences, Iran
Lunch Break
Slot Available
Title: Transition metal complexes/organometallic compounds as anticancer/anti HIV drugs or in pharmaceutical industry
Prakash Kinthada, Sri Vidyanikethan Engineering College, India
Title: Biopolymer Nanocomposites for Engineering Applications
Vikas Mittal, The Petroleum Institute, UAE
Day-3
22 July 2017
Session Introduction
Coffee Break
Title: Identification of corn maize borne pathogen and aflatoxins quantification
Jean Bernard Ndayambaje, University of Rwanda, Rwanda
Title: Investigation of Lecanicillium muscarium as a biocontrol agent oxalis rust
University of KwaZulu-Natal, South Africa
Title: Biosynthetic regulation of production of Antroquinonol from submerged mycelial fermentation of Antrodia camphorate: A mechanistic study
Peter CK Cheung, The Chinese University of Hong Kong, Hong Kong
Title: Effects of Low Level Laser (Diode- 830nm) Therapy On 'Human Bone Regeneration'
Mohammad Nazrul Islam, Shaheed Suhrawardy Medical College and Hospital, Bangladesh
Title: Integrating Photocell Sensors and Associative Memory Machine Learning Model for Blood Leakage Detection during Dialysis Therapy: Animal Experiment
Ping-Tzan Huang, National Tsing Hua University, Taiwan
Title: Camel Milk Protein Polymorphisms and their potential use
Yonas Negusse Berhane, Uludag University, Eritrea
Title: Enhancement of crude oil bioremediation using multiple factorial design and a molecular technique
Tarek H Taha, GEBRI-Institute, Egypt
Title: Transcriptional regulation of Leucine-Rich Repeats and WD Repeat Domain Containing 1 (LRWD1) by microRNA under Reactive Oxygen Species (ROS)
Teng Ni, National University of Tainan, Taiwan
Title: Molecular Characteristics of Aradi Goats with Prediction Equation of Growth Pattern

Ali Alseaf, Qassim University, Saudi Arabia
Title: Sortase A inhibitory activities of aaptamines from the tropical sponge Aaptos aaptos
Heegyu Kim, Seoul National University, South Korea
Title: Spatholobus suberectus metabolites inhibit sortase A and sortase A-mediated cell aggregation of Gram-positive bacteria
Beomkoo Chung, Seoul National University, South Korea
Title: Inhibitory effects of Sophora japonica metabolites on saliva-induced aggregation of Streptococcus mutans mediated by sortase A
Eunji Cho, Seoul National University, South Korea
Title: Grip Strength during Forearm Torque in the Elderly – Results from a Novel Measurement Device
Shian-Chao, Singapore General Hospital, Singapore
Title: Dynamic Wrist Imaging using Non-Gated 4D Computed Tomographic Scanning
Shian-Chao, Singapore General Hospital, Singapore
Slot Available
Slot Available
Panel Discoussion & Award Ceremony



Conference Highlights

- Advancements in Biotechnology
- Agriculture Biotechnology
- Animal Biotechnology
- Environmental Biotechnology
- Food Biotechnology
- Industrial and Microbial Biotechnology
- Marine Biotechnology
- Nanobiotechnology
- Plant Biotechnology
- Medical Biotechnology
- Pharmaceutical Biotechnology
- Bioengineering and Biotechnology
- Bioproducts and BioEnergy
- Bioinformatics
- Biotech Industry

The key features of Biodiversity Congress are –

- Presentation by renowned speakers from all over the world
- Poster presentations and world class exhibits
- Interactive Sessions
- Platform for global networking
- Connecting scientific community

Biotechnology Congress 2017

- Opportunity to attend the presentations delivered by eminent scientists from all over the world
- Selected contributions will be published in following Conference Series LLC Journals
    - Journal of Biotechnology & Biomaterials
    - Journal of Bioprocessing & Biotechniques
    - Journal of Tissue Science and Engineering
- Participation in sessions on specific topics on which the conference is expected to achieve progress
- Global networking: In transferring and exchanging Ideas
- Conference brings together Scientific Researchers, Industrialist and delegates



Venue

Melbourne
Australia

Glimpses of Previous Conferences

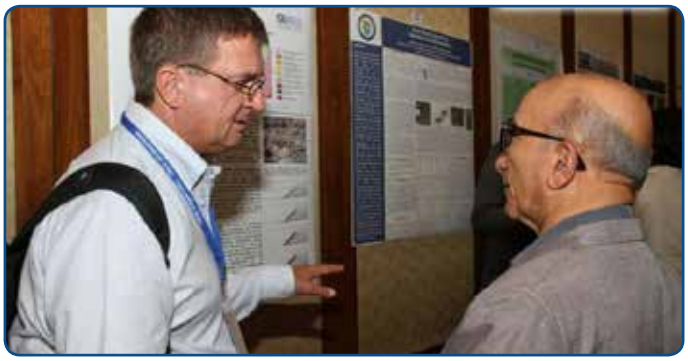




















Glimpses of Previous Conferences

















About Melbourne

Melbourne is the capital and most crowded city of the Australian condition of Victoria, and the second-most crowded city in Australia. The name "Melbourne" alludes to a urban agglomeration spreading over which includes the more extensive metropolitan region, and also being the regular name for its downtown area. The city is situated on the huge characteristic cove of Port Phillip and ventures into the hinterlands towards the Dandong and Macedon mountain ranges, Mornington Peninsula and Yarra Valley. It has a populace of 4,529,500 starting at 2015, and its occupants are called Melbournians.
Melbourne rates very in instruction, amusement, medicinal services, innovative work, tourism and game, making it the world's most liveable city for the 6th year in succession in 2016, as indicated by the Economist Intelligence Unit. It is a main money related focus in the Asia-Pacific area, and positions among the main 30 urban communities in the Global Financial Centers Index. Alluded to as Australia's "social capital", it is the origin of Australian impressionism, Australian guidelines football, the Australian film and broadcast businesses, and Australian contemporary move. It is perceived as an UNESCO City of Literature and a noteworthy place for road craftsmanship, music and theatre. It is home to a significant number of Australia's biggest and most established social foundations, for example, the Melbourne Cricket Ground, the National Gallery of Victoria, the State Library of Victoria and the UNESCO World Heritage-recorded Royal Exhibition Building. It was the host city of the 1956 Summer Olympics and the 2006 Commonwealth Games.



Plan a trip in Melbourne















Welcome Message

Dear Colleagues,

Distinguished Colleagues, I am honoured and delighted to invite you in the name of the Organising Committee to participate in the 6th International Conference on Biodiversity and Conservation which will be held in Dubai, UAE, on April 27-28, 2017. Biodiversity, known as a variety of all existing organisms, is an essential component of nature, which ensures the survival of the human race by providing us food, fuel, medicines etc. However, the biodiversity richness depends on the geographic region of the World, climatic conditions and anthropogenic activities.

The guiding idea of the Conference on Biodiversity and Conservation 2017 is an encouraging cooperation and information exchange on different topics of biodiversity research, primarily between scientists and experts, but also with potential users of all kinds of global biodiversity data.

The Conference would also be an exciting opportunity, especially for students, doctoral and postdoctoral fellows, to present their research studies and get acquainted with the latest achievements and comprehensions in different fields of biodiversity and its conservation. Interesting and encouraging lectures will be presented by world-class academics and experts that cover a range of disciplines related to biodiversity: Biodiversity and Food Security, Climate Change and Global Warming, Ecology and Biodiversity Conservation, Environmental Pollution & Management, Forestry, Marine Biodiversity, Plant and Animal Biodiversity, Sustainable Development and Vulnerable species.

On behalf of the Organizing Committee and in my own behalf I wish everyone a successful and prosperous participation at the 6th International Conference on Biodiversity and Conservation 2017 and a pleasant stay in Dubai.

See you there...

Božena Mitić

Prof. Dr. Božena Mitić
University of Zagreb
Croatia

UNIVERSITY OF ZAGREB
FACULTY OF SCIENCE
Department of Biology
DIVISION OF BOTANY



Welcome Message

Dear Colleagues,

On behalf of the Organizing Committee, it's my great honor and pleasure to invite you to attend the 6th International Conference on Biodiversity and Conservation, to be held in Dubai, UAE, 27th & 28th, April, 2017.

Biodiversity describes the variety of life across different biological organization levels. It is the foundation of ecosystem function and such function have crucial influence on humanity. However, biodiversity are increasingly influenced by climate changes and human activities. So the answers about how biodiversity changes spatially and temporally, what is the consequences of such changes and what should human do are under an urgent need.

The conference provide a unique opportunity for researchers from all over the world to present the current researches and developments in the field of biodiversity conservation. It can also help to motivate ideas and establish collaborations for everyone from different professional backgrounds.

I am confident that the 6th International Conference on Biodiversity and Conservation will give all participants an unforgettable personal and professional experience, and we look forward to welcoming you to Dubai.

See you there...

Dr. Zhanqing Hao
Chinese Academy of Sciences
China

IAE
INSTITUTE OF APPLIED ECOLOGY
CHINESE ACADEMY OF SCIENCES



Welcome Message

Dear Colleagues,

As a Member of the Organizing Committee it is a great pleasure and an honor to extend you a warm invitation to attend the 6th International Conference on Biodiversity and Conservation to be held in Dubai UAE on the 27th-28th of April 2017.

Building on the success of preceding meetings, this Conference will focus on "Variety of Species Innovates Variety of Research" and will feature a highly interactive and multidisciplinary program including workshops, plenary sessions as well as oral presentations and poster sessions. The Conference will provide the ideal forum for experts on different biodiversity-related aspects but also for students with an interest on such aspects to stimulate ideas and establish collaborations as well as to initiate fruitful discussions.

I am confident that the 6th Biodiversity and Conservation Conference will be a success and I wish us all a safe trip and a pleasant stay in Dubai!

See you there...

Dr. Vassiliki (Celia) Vassilopoulou
Hellenic Centre Marine Research
Greece