# 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

# Keynote Speakers



**Tingting Deng**
Associate professor
Chinese Academy of Inspection and Quarantine
China



**Prof. Abul Mandal**
Head of Biotech Research
University of Skovde
Sweden



**Petr Malý**
BIOCEV Research Center
Czech Republic



**Jessica Domingo Rey**
Assistant Professor
University of Philippines
Philippines



**Shian Chao Tay**
Senior Consultant & Director
Wrist Service Department of Hand Surgery
Singapore



**Peter Ck Cheung**
Professor
School of Life Sciences
Hong Kong
Hong Kong



**Run Lin Ma**
Professor
Institute of Genetics and Developmental Biology China
China

**Taoufik Saleh Ksiksi**
Associate Professor
United Arab Emirates
University United Arab Emirate
UAE

# 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



# Event at a Glance

| Day-01 July 20, Thursday | |
|---|---|
| Time | Session |
| 08:30-09:30 | Registrations |
| 09:30-11:30 | Keynote Forum |
| Group Photo | |
| 10:30-10:45 | Network & Refreshments Break* |
| 10:45-12:00 | Track 1: Advancements in Biotechnology |
| 12:00-13:15 | Track 2: Agriculture Biotechnology |
| 13:15-14:00 | Lunch Break** |
| 14:00-15:15 | Track 3: Medical Biotechnology |
| 15:15-15:30 | Network & Refreshments Break* |
| 15:30-16:45 | Track 4: Pharmaceutical Biotechnology |
| 16:45-18:00 | Track 5: Nanobiotechnology |
| Day Concludes | |
| Day-02 July 22, Friday | |
| 08:30-09:30 | Registrations |
| 09:30-10:30 | Keynote Forum |
| 10:30-10:45 | Network & Refreshments Break* |
| 10:45-12:00 | Track 6: Food Biotechnology |
| 12:00-13:15 | Track 7: Plant Biotechnology |
| 13:15-14:00 | Lunch Break** |
| 14:00-15:15 | Track 8: Bioengineering and biotechnology |
| 15:15-15:30 | Network & Refreshments Break* |
| 15:30-16:45 | Track 9: Bioproducts and BioEnergy |
| 16:45-18:00 | Poster Presentations |
| Award Ceremony | |
| Day-03 July 22, Saturday | |
| 09:30-11:00 | Track 10: Bioinformatics |
| 11:00-11:15 | Network & Refreshments Break* |
| 11:15-12:45 | Track 11: Biotech Industry |
| 12:45-13:30 | Lunch Break** |
| 13:30-15:00 | Track 12: Marine Biotechnology |
| 15:00-16:30 | Track 13: Environmental Biotechnology |
| 16:30-16:45 | Network & Refreshments Break* |
| 16:45-17:30 | Track 14: Animal Biotechnology |
| Award Ceremony | |
| Conference Concludes | |

| Keynote Forum |
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| **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 |
| **Keynote Speaker Slot Available** |
| **Keynote Speaker 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** |
| **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** |
| **Speaker Slots Available** |

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| **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** |
| **Speaker Slots 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 |
| 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 |
| **Speaker Slots Available** |
| **Speaker Slots Available** |
| **Panel Discoussion & Award Ceremony** |

# Glimpses of Previous Conferences



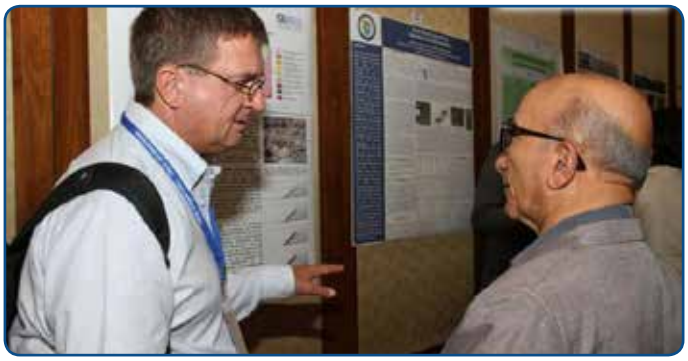




















# Glimpses of Previous Conferences


















## The key features of Biotechnology 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

Novotel Melbourne St Kilda

16 The Esplanade St Kilda VIC 3182

Melbourne, Australia



# 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











