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Scientific Program

19th World Congress on

BIOTECHNOLOGY

November 13-14, 2017 Osaka, Japan



Conference Series

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Day 1 November 13, 2017

08:30-09:30 Registrations

Yamato Hall

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09:30-10:00

Opening Ceremony

Keynote Forum

10:00-10:45 **Title: Glycosylation of therapeutic proteins: Functions and analytical innovation**
Baolin Zhang, Food and Drug Administration, USA

Refreshments and Coffee Break: 10:45-11:05 @ Foyer

11:05-11:50 **Title: Reconstruction of evolutionary history of several plant families using bioinformatics as a framework for comparative studies**
Chien-Hsun Huang, Fudan University, China

Group Photo

Sessions:

Biotechnology | Plant Biotechnology | Animal Biotechnology | Pharma Biotechnology | Genetic Engineering |
Plant Biotechnology | Algal biotechnology | Others

Session Introduction

Session Chair: **Baolin Zhang**, Food and Drug Administration, USA

11:50-12:25 **Title: miRNome Analysis of Einkorn Turkish Wheat Cultivar (Siyez) under drought stress**
Mehmet Cengiz Baloglu, Kastamonu University, Turkey

12:25-13:00 **Title: Cell function-based high-throughput screening of natural and synthetic compounds**
Amandio Vieira, Simon Fraser University, Canada

Lunch Break: 13:00-14:00 @ Café Restaurant (1F)

14:00-14:35 **Title: Microalga isolated from a microbial mat in Salar de Atacama (northern Chile) as a potential source of compounds for biotechnological applications**

Gladys Hayashida Soiza, University of Antofagasta, Chile

14:35-15:10 **Title: Enhancing animal welfare for good science through guidelines and regulations in Singapore**
Leslie Retnam, Biological Resource Centre, Singapore

15:10-15:45 **Title: CRISPR-PCS: An efficient and versatile chromosome splitting technology in *Saccharomyces cerevisiae***
Saeed Kaboli, Shahid Beheshti University, Iran

Refreshments and Coffee Break: 15:45-16:05 @ Foyer

16:05-16:40 **Title: Cloning and sequence analysis of bZIP and WRKY transcription factor genes in Einkorn Wheat (Siyez)**
Pinar Baloglu, Kastamonu University, Turkey

16:40-17:15 **Title: Genome wide identification of important DNA sequences in plant genomes and its application in plant biotechnology**

Mehmet Cengiz Baloglu, Kastamonu University, Turkey

Panel Discussion

Day 2 November 14, 2017

Yamato Hall

Session Introduction

Sessions:

Biochemistry | Medical Biotechnology | Nano Biotechnology | Biomaterials and Regenerative Medicine |
Bioscience | Biobanking | Others

Session Chair: **Chien-Hsun Huang**, Fudan University, China

10:00-10:35 **Title: Effect of water and super absorbent polymer (SAP) content on the efficiency of production biodiesel by liquid enzyme catalyst**

Dinh Thi My Huong, Ming Chi University of Technology, Taiwan

10:35-11:10 **Title: Characterization of microbial diversity influenced by natural radon source in soil environment**
KyuYeon Lee, Inha University, South Korea

Networking and Coffee Break: 11:10-11:30 @ Foyer

11:30-12:05 **Title: Combination of bacterial cellulose wound dressing, silk sericin and polyhexamethylene biguanide for wound healing**

Supamas Napavichayanun, Chulalongkorn University, Thailand

12:05-12:40 **Title: A novel marvelous evolutionary detection: lack of a large 2888 bp intron region within HA03 gene from *Hyalomma anatolicum anatolicum*, unlike its commercial recombinant anti-tick orthologue, Bm86, from *Boophilus microplus***

Khosrow Aghaiypour Kolyani, Razi Vaccine and Serum Research Institute, Iran

12:40-13:15 **Title: Bioactivity of different bee honey samples**

Mahasin Ahmed Wadi, Princess Nourah Bint Abdulrahman University, KSA

Lunch Break: 13:15-14:15 @ Café Restaurant (1F)

14:15-14:50 **Title: Effect of surfactants on the production and structure of Curdlan from *Agrobacterium* sp. ATCC 31749**
Xiaobei Zhan, Jiangnan University, China

14:50-15:20 **Title: Complete Chloroplast Genome Sequences of cacao (*Theobroma cacao* L.) useful for Phylogenetic Analysis and DNA Barcoding**

Nur Kholilatul Izzah, Indonesian Industrial and Beverage Crops Research Institute, Indonesia

15:20-15:55 **Title: Sugar apoplastic transport in rice caryopsis during grain filling**

Yibing Hu, Nanjing Agricultural University, China

Refreshments and Coffee Break: 15:55-16:15 @ Foyer

Poster Presentations @ 16:15-17:15

BT001 **Title: Green synthesis of gold nanoparticles coupled with nucleic acid oxidation**
Tatsuki Kunoh, Okayama University, Japan

BT002 **Title: Repetitive DNA unwinding mode of the *HIM-6* RecQ helicase**
Byungchan Ahn, University of Ulsan, South Korea

BT003 **Title: Preparation of biocompatible shape-memory polymers using polycaprolactone and isosorbide based polyurethane blends for biomedical application**
Yoon-Suk Joo, Dankook University, South Korea

BT004 **Title: Preparation of high elastic polyurethanes based on polycaprolactone diol, 1,6-hexamethylene diisocyanate, various chain lengths of 1' isosorbide and their biocompatible properties.**
Suk Min Hong, Dankook University, South Korea

BT005 **Title: Anti fouling polyimide/Ag nanofiber membranes prepared by using silver (I) carbamate**
Hyuckjin kwon, Dankook University, South Korea

BT006 **Title: Si- and Fe- substituted beta-tricalcium phosphate: Synthesis, characterization, and *in vitro* properties**
Kyung-Hyeon Yoo, Pusan National University, South Korea

BT007 **Title: Effect of transdermal delivery of gelatins on the partial obesity in high fat diet induced obese rats**
Sung-Min An, Pusan National University, South Korea

BT008 **Title: Pregnenolone as a new hormone therapy for female diseases targeting $Er\beta$**
Ye Young Shin, Pusan National University, South Korea

BT009 **Title: Anti-inflammatory activity of *Scirpus tabernaemontani* on LPS-stimulated RAW 264.7 macrophage cells**
Min-Jin Kim, Nakdonggang National Institute of Biological Resources, South Korea

B2B Networking

Awards & Closing Ceremony