

Busarakam Ballroom 3

conference**series**.com

08:30-09:00

Opening Ceremony

Keynote Forum

09:00-09:30	Introduction Title: An overview of biotechnology and mutation breeding for feeding the world Shri Mohan Jain, University of Helsinki, Finland
09:30-10:00	Title: A review of obstacles to production of Ricinoleate in transgenic plant oils Thomas McKeon, US Dept. Of Agriculture, USA
10:00-10:30	Title: Potential human glioblastoma cancer markers identified with nanobody-based reverse proteomic approach Radovan Komel, University of Ljubljana, Slovenia

10:30-10:45 Exhibitor: ALFA WASSERMANN, Presentation

Networking & Refreshment Break 10:45-11:00 @ Foyer

Major Sessions:

Pharmaceutical Biotechnology | Nano science & Nanotechnology

Session Chair: Jagdish Singh, North Dakota State University, USA

Session Co-Chair: Mohd Basyaruddin Abdul Rahman, Universiti Putra Malaysia, Malaysia

Session Introduction

11:00-11:20	Title: Molecularly modified insulin for controlled delivery from triblock copolymers Jagdish Singh, North Dakota State University, USA
11:20-11:40	Title: Ultra-sensitive drug delivery platform to detect minuscule electrical activity of glioma cell populations Paulo R. F. Rocha, Max Planck Institute for Polymer Research, Germany
11:40-12:00	Title: Murine models of dengue and their utility for drug and vaccine testing Alonso Sylvie, National University of Singapore, Singapore
12:00-12:20	Title: Optimization of palm based nanoemulsions for drug delivery systems Mohd Basyaruddin Abdul Rahman, Universiti Putra Malaysia, Malaysia
12:20-12:40	Title: Targeted inhibition of transcription factor STAT3 for the prevention and treatment of cancer Gautam Sethi, National University of Singapore, Singapore
12:40-13:00	Title: <i>In silico</i>, <i>In vitro</i> and cytotoxicity investigations of biphenylalanine and its derivatives as potential hiv-1 gp120 attachment inhibitors Teow Chong Teoh, University of Malaya, Malaysia

Lunch Break 13:00-13:50 @ Public Restaurant

13:50-14:10	Title: Omics approach in the study of natural hybridization in Nepenthes species Hoe-Han Goh, Universiti Kebangsaan Malaysia, Malaysia
14:10-14:30	Title: 2Gy, 6Gy, 8Gy, 10Gy may be some ideal fractional doses with the better biological response Hong Zhao, Wuhan University, China

Major Sessions:

Medical Biotechnology | Agricultural Biotechnology

Session Chair: Petr Maly, BIOCEV Research Center, Czech Republic

Session Co-Chair: Lei Yang, Wuhan University, China

Session Introduction

14:30-14:50	Title: Biotech and innovative breeding for the new Agri-Food System CGIAR Research Programs (CRPs) Philippe. Ellul, CGIAR Consortium, France
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- 14:50-15:10 **Title: Targeting IL-23/Th17 pro-inflammatory axis by novel non-immunoglobulin protein binders with an immunosuppressive potential**
Petr Malý, BIOCEV Research Center, Czech Republic
- 15:10-15:30 **Title: Applications of stem cell therapy in regenerative medicine in Asian countries**
Kampon Sriwatanakul, Asian Institute of Regenerative Medicine, Thailand
- 15:30-15:50 **Title: Genetic engineering for sustainable improvement of oil palm**
Ahmad Parveez Ghulam Kadir, Advanced Biotechnology and Breeding Centre, Malaysia

Networking & Refreshment Break 15:50-16:10 @ Foyer

- 16:10-16:30 **Title: Suppression of TPP1 resulted in telomere dysfunction and enhanced radiosensitivity in cancer cells regardless of telomerase status**
Lei Yang, Wuhan University, China
- 16:30-16:50 **Title: Effects of low level laser (diode 830 nm) therapy (LLLT) on human bone regeneration**
Mohammad Nazrul Islam, Shaheed Suhrawardy Medical College Hospital, Bangladesh
- 16:50-17:10 **Title: Glucose metabolism related enzymes may become some ideal targets to increase radiosensitivity of cancer cell**
Hong Zhao, Wuhan University, China
- 17:10-17:30 **Title: VCPA, a novel synthetic derivative based on α -tocopheryl succinate, sensitize gastric cancer cells to doxorubicin-induced apoptosis via the mitochondrial pathway**
Han Wu, Zhongnan Hospital of Wuhan University, China
- 17:30-17:50 **Title: UBE2D3 gene overexpression increases radiosensitivity of EC109 esophageal cancer cells**
Xiaoja Gao, Zhongnan Hospital of Wuhan University, China

Panel Discussion

Day 2 July 26, 2016

Busarakam Ballroom 3

Keynote Forum

- 08:30-09:00 **Introduction**
Title: Biotechnology innovation in biological control of plant diseases
Ilan Chet, Hebrew University of Jerusalem, Israel

Workshop

Stem Cell Technology

Asean Society of Regenerative Medicine, Thailand

Session Introduction

- 09:00-09:15 **Introduction**
Dr. Vichit Punyahotra, Senior Lecturer of School of Anti Aging and Regenerative Medicine, Thailand
- 09:15-10:30 **Update on stem cell biology**
Petcharin Srivatanakul, Laboratory Director of Bio MSC Co., Ltd., Thailand
Soontaree Petchdee, Department of Large Animal and wildlife Clinical, Sciences, Faculty of Veterinary Medicine, Kasetsart University, Thailand

Networking & Refreshment Break 10:30-10:45 @ Foyer

- 10:45-11:45 **Applying the principles of stem cell biology to regenerative medicine**
Kampon Sriwatanakul and Dr. Tom, Kho Asean Society of Regenerative Medicine, Thailand
- 11:45-12:30 **Application of immune cell-based therapy for cancer and aging**
Bor-Yu Tsai, NAVI BioTherapeutics, Inc

Lunch Break 12:30-13:30 @ Foyer

- 13:30-14:15 **Growth factor complex**
Win-Ping Deng, Director of Stem Cell Research Center of Taipei Medical University, Taiwan
- 14:15-15:15 **Basic concept of biology medicine**
William van Ewijk, Director of Placenta Research Foundation, Netherlands Peter Klaus Cremer, Edith-liebergeal-institut, Germany

Networking & Refreshment Break 15:15-15:30 @ Foyer

15:30-16:30 **Regenerative medicine in clinical practice**

Daryl Turner, World Authority and Specialist in Thyroid symptoms And Treatment
Viroj Vong, American Board of Hair Restoration Surgery, USA
Surachai Liamthong, President of VitaStem Co.,Ltd.,Thailand

Poster Presentations 16:30-17:30

- PBAP-01** **Title: Rapid SNP genotyping of *tmigd1* gene in Tsaiya duck using lateral flow immunoassay with primer extension and nano-gold**
Chih-Wei Lin, National Cheng Kung University, Taiwan
- PBAP-02** **Title: *In silico* screening for inhibitors blocking the assembly of influenza A virus polymerase complex**
Chun-Yeung Lo, The Chinese University of Hong Kong, China
- PBAP-03** **Title: Dual growth factor immobilized microspheres for tissue reinnervation**
Jin Ho Lee, Hannam University, South Korea
- PBAP-04** **Title: Asymmetrically porous nerve guide conduit with nerve growth factor gradient for effective peripheral nerve regeneration**
Jin Ho Lee, Hannam University, South Korea
- PBAP-05** **Title: Identification of bioactive compounds in the guts and gonads of *Tripneustes gratilla* from Guimaras island, Central Philippines**
John Rafael Ambag, Philippine Science High School Western Visayas, Philippines
- PBAP-06** **Title: Bacterial overexpression and purification of Vps34-binding domain of Beclin 1**
Juneyoung Jung, Kyung Hee University, South Korea
- PBAP-07** **Title: Intracellular proteome profile of *Phanerochaete chrysosporium* during the lapachol biotransformation process**
Luciana Barbosa Coitinho, University of Sao Paulo, Brazil
- PBAP-08** **Title: Computational design of yeast synthetic gene circuits**
Mario Andrea Marchisio, Harbin Institute of Technology, China
- PBAP-09** **Title: The suppression of *Streptomyces biastmayceticus* strain STS1 on powdery mildew in cucumber**
Rattrikorn Ganphung, Shimane University, Japan
- PBAP-10** **Title: *Tenebrio molitor* modulates response to environmental stressors and extends lifespan in *C. elegans***
Seong-Min Won, Soonchunhyang University, South Korea
- PBAP-11** **Title: PnTx2-6 recombinant protein expression using the baculovirus expression vector system**
Seung-Won Park, Catholic University of Daegu, South Korea
- PBAP-12** **Title: The effect of S-allyl cysteine and its derivatives on response to environmental stressors, locomotion, and amyloid beta-induced toxicity in *C. elegans***
Sun-Mi Beak, Soonchunhyang University, South Korea
- PBAP-13** **Title: Rapid multiplex molecular detection of *Brucella* genus, *B. abortus*, *B. melitensis* and *B. suis* using ultra-fast convection palm PCR**
Tae-Hoon Kim, Kyung Hee University, South Korea
- PBAP-14** **Title: The relevance of the protease cleavage site in generation of bioactive peptides: *In silico* and *in vitro* approaches**
Youssef Ali Abou Hamin Neto, School of Pharmaceutical Science of Ribeirão Preto-USP, Brazil
- PBAP-15** **Title: Classification of a collection of sesame germplasm using multivariate analysis**
Shim Kang Bo, Crop Cultivation & Environment Research Division, Korea
- PBAP-16** **Title: Identification of novel bio-insecticidal metabolite from soil borne bacterium *Bacillus megaterium* against Dengue and Filariasis Vector**
Ponniah Anusha, Periyar University, India
- PBAP-17** **Title: The Cuban Biotechnology Industry**
Dora Garcia Delgado, Heber Biotec, South Africa
- PBAP-18** **Title: Influence of microenvironment engineering on cell reprogramming**
Bogyu Choi, CHA University, Republic of Korea

Busarakam Ballroom 3**Major Sessions:**

Environmental Biotechnology | Industrial Biotechnology | Biotechnology Applications | Genetic Engineering | Waste water treatment using Bio Techniques

Session Chair: Sarabjeet Singh Ahluwalia, General Shivdev Singh Dewan Gurbachan Singh Khalsa College, India

Session Co-Chair: Zurina Zainal Abidin, Universiti Putra Malaysia, Malaysia

Session Introduction

- 08:30-08:50 Title: Scale-up of microbial oil production using oleaginous filamentous fungi**
Zhanying Zhang, Queensland University of Technology, Australia
- 08:50-09:10 Title: Decolorization of textile dyes Basic Red 46 and Reactive Black 5 by *Staphylococcus epidermidis* MTCC 10623**
Sarabjeet Singh Ahluwalia, General Shivdev Singh Dewan Gurbachan Singh Khalsa College, India
- 09:10-09:30 Title: Pathogen detection by fiber optic microfluidic biosensor**
Zurina Zainal Abidin, Universiti Putra Malaysia, Malaysia
- 09:30-09:50 Title: Biofiltration with *Cyperus alternifolus* for nutrient removal and water reuse in Suburban Areas**
Yiu Fai Tsang, The Hong Kong Institute of Education, Hong Kong
- 09:50-10:10 Title: Metabolomics approach for biomarker discovery of *Epinephelus fuscoguttatus* infected with vibriosis**
Syarul Nataqain Baharum, Universiti Kebangsaan Malaysia, Malaysia
- 10:10-10:30 Title: Exploring active microbial community of anaerobic digestion systems by 454 pyrosequencing**
Xiaoying Helen Lu, Technological and Higher Education Institute of Hong Kong, Hong Kong

Networking & Refreshment Break 10:30-10:50 @ Foyer

- 10:50-11:10 Title: Morphological identification of rod lactic acid bacteria using scanning electron microscope and image analysis**
Hoda Elzeini, Cairo University, Egypt
- 11:10-11:30 Title: Odour treatment in potable water using biofiltration with ozone addition**
Yiu Fai Tsang, The Hong Kong Institute of Education, Hong Kong
- 11:30-11:50 Title: Methodology for the valuation and negotiation of the biotechnology products with intangibles**
Dora Garcia Delgado, Heber Biotec, South Africa
- 11:50-12:10 Title: Heavy metal resistant bacteria *Bacillus thuringiensis* isolated from Bauxite mine soil, Kolli hills, Eastern Ghats, Tamilnadu, India**
Ponniah Anusha, Periyar University, India
- 12:10-12:30 Title: Night soil a potent plant growth enhancer**
Surya Anjani Kumar, Jawaharlal Nehru Technological University, India

Closing Ceremony**Bookmark your dates****14th Asia-Pacific Biotech Congress**

April 10-12, 2017 Osaka, Japan

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