



Scientific Program

11th World

Biotechnology Congress

March 13-15, 2023 - Osaka, Japan

Biotechnology 2023



Pulsus Group

35 Ruddlesway, Windsor, Berkshire, SL4 5SF

W: +44-203 769 1778

biotechnologyonlinemeet@gmail.com

Monday, March 13, 2022 | Day 1

Opening Ceremony 09:00 - 09:10

Keynote Forum

- 09:10-09:55** Title: Dopamine neuron stimulation induces context-dependent abnormal involuntary movements in healthy
Daniel Leventhal | Case Western Reserve University | United States
- 09:55-10:40** Title: Tackling COVID-19 pandemic with natural products: Evaluation of Tamarix nilotica phytochemical constituents as novel potential coronavirus-2 major protease inhibitors
Dr. Mohamed Mahmoud El-Shazly | German University in Cairo | Egypt
- 10:40-11:25** Title: Cancer incidence, mortality, years of life lost, years lived with disability, and disability-adjusted life years for 29 cancer groups from 2010 to 2019: a systematic analysis
Prof. Rovshan I. Khalilov | Baku State University | Azerbaijan

Networking & Refreshment Break 11:25-11:40

Panel Discussion

Sessions on: Biotechnology | Plant Biotechnology

Session Chair: Dr. Mohamed Mahmoud El-Shazly | German University in Cairo | Egypt

- 11:40-12:00** Title: Light-driven hydroxylation of testosterone by Synechocystis sp. PCC 6803 expressing the heterologous CYP450 monooxygenase CYP110D1
Prof. Robert Kourist | Graz University of Technology | Austria
- 12:00-12:20** Title: Enhanced production of podophyllotoxin, kaempferol, and quercetin from callus culture of Dysosma pleiantha (Hance) Woodson: An endangered medicinal plant"
Karuppaiya Palaniyandi | Sichuan University | China
- 12:20-12:40** Title: Management of store pest of cocoa Ephestia cautella (Lepidoptera:Pyralidae) using the powder and ethanolic oil extract of Zingiber officinales
Akinneye Joseph | Federal University of Technology | Nigeria

Lunch Break 13:00-14:00

Panel Discussion

Sessions on: Animal Biotechnology | Food Biotechnology

Session Chair: Matthew Reynolds | CIMMYT | Mexico

- 14:00-14:20** Title: Spike mutation D614G alters SARS-CoV-2 fitness
Divya Mirchandani | University of Texas | United States
- 14:20-14:40** Title: The rise of processed meat alternatives: A narrative review of the manufacturing, composition, nutritional profile and health effects of newer sources of protein, and their place in healthier diets
Dr. Giuseppe Grosso | University of Catania | Italy
- 14:40-15:00** Title: A selective insecticidal protein from Pseudomonas for controlling corn rootworms
Gusui Wu | Syngenta | China

Networking & Refreshment Break 15:20-15:40

Panel Discussion

Sessions on: Medical Biotechnology | Environmental Biotechnology

Session Chair: Prof. Rovshan I. Khalilov | Baku State University | Azerbaijan

15:40-16:00 Title: Expression of Two Foreign Genes from the Optimal Insertion Sites of Newcastle Disease Virus Vector for Use as a Multivalent Vaccine and Gene Therapy Vector

Qingzhong Yu | ARS US National Poultry Research Center | USA

16:00-16:20 Title: Kinetic Study of the Biodegradation of Acephate by Indigenous Soil Bacterial Isolates in the Presence of Humic Acid and Metal Ions

Dr Vijay Kumar Thakur | Cranfield University | UK

16:20-16:40 Title: Novel Metal–Organic Framework-Based Photocrosslinked Hydrogel System for Efficient Antibacterial Applications

Do Nam Lee | Kwangwoon University | South Korea

***Speaker Session Slots are available**

Young Researcher Forum

17:20-17:40 Title: Genes associated with amyloid-beta-induced inflammasome-mediated neuronal death identified using functional gene trap mutagenesis approach

Sookyee Gan | International Medical University | Malaysia

****Young Researcher Forum Slots are available
Panel Discussion**

Poster Sessions (17:40-18:00)

PP 01 Title: Tunable morphological changes of asymmetric titanium nanosheets with bactericidal properties

Vladimir Baulin | Universitat Rovira i Virgili

PP 02 Title: Gray-Level Co-occurrence Matrix Analysis for the Detection of Discrete, Ethanol-Induced, Structural Changes in Cell Nuclei: An Artificial Intelligence Approach

Prof. Igor V. Pantić | University of Belgrade | Serbia

****Poster Presentation Slots are available
Panel Discussion**

Video Presentation (18:00-18:30)

VP 01 Title: Novel Tyrosine Kinase Inhibitors to Target Chronic Myeloid Leukemia

Valeria Pittalà | University of Catania | Italy

****Video Presentation Slots are available
Panel Discussion**

Thanks Giving & Closing Ceremony

***Day 2 and Day 3 Slots are available**

Please note that this is a Tentative Program. Timings in this program may subject to change



BIOTECHNOLOGY 2023

