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Scientific Program

10th World

Biotechnology Congress

August 24-25, 2022 - Webinar



BIOTECHNOLOGY 2022

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Scientific Program

Biotechnology 2022

Wednesday, August 24, 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 Techology | 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 (lepidioptera: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	
August 25, 2022 - Speaker Slots Available	
Please note that this is a Tentative Program. Timings in this program may subject to change	

BIOTECHNOLOGY 2022

WEBINAR

