

Scientific Program

3rd Online International Conference on Applied Microbiology and Beneficial Microbes

Monday
April 11, 2022

Day 1 - April 11, 2022

11:00 - 11:10 Introduction

Keynote Presentation

11:10 - 11:35 The Influence of Effective Microorganisms on The Growth and Nutrient Content of Tomato Transplants
Margit Olle, NPO Veggies Cultivation, Estonia

Oral Presentations

11:35 - 11:55 More than Edibility: Anti - Leishmanial Activity of Morel Mushrooms
Segula Masaphy, MIGAL - Galilee Research Institute, Israel

11:55 - 12:15 Comparison of The Culture Method with Multiplex PCR for The Confirmation of *Legionella* spp. and *Legionella pneumophila*
Hans Peter Fuchslin, Kantonales Labor Zürich, Switzerland

12:15 - 12:35 Bacterial Community Composition and Diversity in Palm Oil Mill Effluent Impacted Soil
Bassey E Agbo, University of Calabar, Nigeria

12:35 - 12:55 The Duality between Non - *Saccharomyces* and Organic Wines: Repercussions on Human Health
Alice Maria Correia Vilela, University of Trás - os - Montes and Alto Douro (UTAD), Portugal

12:55 - 13:15 Bacterial Cellulose - A Versatile Biosynthetic Polymer with Biomedical Applications
Abhishek Gupta, University of Wolverhampton, UK

13:15 - 13:35 Biodegradation of Nigerian Crude Oil by *Bacillus megaterium* Isolated from Soil Polluted with Spent Engine Oil
Habiba I Atta, Ahmadu Bello University, Nigeria

13:35 - 13:55 Biomineral Processing for A Valid Low - cost and Eco - friendly Alternative for Metal Recovery
Lala Behari Sukla, Siksha 'O' Anusandhan, Bhubaneswar, India

13:55 - 14:15 Phenotypic Characterization of Extended Spectrum Beta - lactamase, Class C cephalosporinase and Carbapenemase - producing *klebsiella* species Isolated from Patients Consulted at Four Yaounde - Based Hospitals
Emilia Enjema Lyonga Mbamyah, The University of Yaounde 1, Cameroon

Keynote Presentation

14:15 - 14:35 Is it possible to treat community-acquired and nosocomial infections with the same method without the use of antibiotics?
Huang Wei Ling, Medical Acupuncture and Pain Management Clinic, Brazil

End of Day 1

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Tuesday
April 12, 2022

Day 2 - April 12, 2022

Oral Presentations

- 11:00 - 11:20 Biosynthesis of CuO Nanoparticles and Its Antioxidant and Antibacterial Activities using Seaweed Extract
Selvaraj Mohana Roopan, Vellore Institute of Technology, India
- 11:20 - 11:40 Adsorptive Removal of Pollutant Phenol from Wastewater - Experiments and Analysis
Ashanendu Mandal, University of Calcutta, India
- 11:40 - 12:00 Bio - plastic from Biomass: A Facile Key for A Greener Environment
Anil Kumar, Devi Ahilya University, India
- 12:00 - 12:20 Isolation of Glucan from Medicinal Fungi *Ganoderma lucidum*
Thulasi G Pillai, KJ Somaiya Institute of Engineering and Information Technology, India

Poster Presentations

- 12:20 - 12:35 Development of Molecular Markers Specific to A Particular Strain of *Trichoderma asperellum*
Feodora Grace Japanis, FGV R&D Sdn. Bhd., Malaysia
- 12:35 - 12:50 A Multi - step Approach to Design, Develop and Analysis for Variants of TEM Beta - lactamase Towards New Generation Therapeutics
Anish Pyne, Indian Institute of Technology, India
- 12:50 - 13:05 Critical Insights to The Ambler Class B3 Metallo - Beta - lactamase L1 through Multilevel Approaches
Sukriti Maity, Indian Institute of Technology, India
- 13:05 - 13:20 Larvicidal, Ovicidal Activities and Histopathological Alterations Induced by *Carum copticum* (Apiaceae) Extract against *Culex pipiens* (Diptera: Culicidae)
Fahd A Al - Mekhlafi, King Saud University, Saudi Arabia
- 13:20 - 13:35 Development of Multistage Easy, Reliable and Cheap Point - of - care (ERC - POC) Diagnostic to Detect Beta - lactamase based Drug Resistance in Environmental Samples
Niteesh Kumar Pandey, Indian Institute of Technology, India
- 13:35 - 13:50 Studies of The Industrial Properties of Lactic Acid Bacteria Isolated from Local Labneh
Hussein L. Alboory, Al-Qasim Green University, Iraq

End of Day 2