



Scientific Program

12th International

Chemistry Congress

November 21, 2022 | Webinar

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Sessions will be hosted in GMT+1 (UK Timings)

Opening Ceremony

08:30-09:00 Introduction

Sessions: Applied and Environmental Science | Mycology, Fungal Pathogens and Associated Diseases | Virology, Viral Pathogens and Associated Diseases | Polymer Science | Bio Material | Regenerative medicine | Cell Therapy | Solid waste management | Waste and Biomass Valorization | Environmental chemistry | Physical Chemistry

09:00-09:30 **Title: Innovative biofertilizers improving yielding of horticultural crops and soil fertility**
Mateusz Frąc and Lidia Sas Paszt, The National Institute of Horticulture Research, Poland

09:30-10:00 **Title: Epstein-Barr virus: An overlooked possible contributor to neuro degeneration associated with alzheimer's disease**
Deeksha Tiwari, Indian Institute of Technology Indore, India

10:00-10:30 **Title: Mastering regenerative medicine**
Issam Mardini, Alexandria University, Dubai

10:30-11:00 **Title: The regulatory and transcriptional landscape associated with triterpenoid and lipid metabolisms by the bHLH-zip transcription factor SREBP in the medicinal fungus ganoderma lingzhi**
Yong-Nan Liu, Central South University of Forestry & Technology, China

11:00-11:30 **Title: *In vitro* antibacterial and antifungal activities of extracts and fractions of leaves of *Ricinus communis* Linn against selected**
Bedaso Kebede, DVM, MSc, EAA, Ethiopia

11:30-12:00 **Title: Extended spectrum beta-lactamase-producing escherichia coli detected at two Wastewater treatment plants in hatay province**
Büşra Gülay, Hatay Mustafa Kemal University, Turkey

12:00-12:30 **Title: Viability of the biopolymer pullulan produced by the fungus *Aureobasidium mangrove* CBS 142331 for enhancement of oil recovery**
Sara Al-Araimi, Sultan Qaboos University, Oman

Lunche Break: 12:30-13:30

13:30-14:00 **Title: Anthracen and phenanthren inclusion complexes with 2-Hydroxypropyle- β /cyclodextrin: Experimental and molecular dynamic studies**
Amira A. Alfadil, Sultan Qaboos University, Oman

14:00-14:30 **Title: Smart biodegradability of LDPE plastic waste by sustainable bacterial strains isolated from soils in Saudi Arabia**
Amal. Al Mousa, King Saud University, Saudi Arabia

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- 14:30-15:00** **Title: Enhancing thermoelectric properties of conductive polymers using Zr-metal-organic frameworks composite materials**
Asmaa Ebrahim, University of Science and Technology, Egypt
- 15:00-15:30** **Title: Quantitative assessment of total Mercury concentration in the different edible parts of yellowfin tuna (*Thunnus albacares*) in general santos city fish port complex**
Dexter Roquero, University of Southern Mindanao, Philippines
- 15:30-16:00** **Title: Selenosemicarbazones as new inhibitors of the main proteases of SARS-CoV-2**
Santiago Rostan, Institut Pasteur de Montevideo, Republic of Korea
- 16:00-16:30** **Title: Flows and exports of used e-waste attached to second hand products across a national border**
Kana Miyamoto, University of Tokyo, Japan
- 16:30-17:00** **Title: Laser-based inverse production enables the recycling of electronic components**
Cord Fricke-Begemann, Fraunhofer institute for laser technology ILT, Germany

Awards & Closing Ceremony

