



5th Global Virtual Summit on Chemistry & Pharmaceutical Chemistry

May 25-26, 2024

Scientific Program

Online (Teams Meeting) **Chemistry 2024** Time Zone: GMT+1 (London, UK)

May 25, 2024

10:00-10:05

Opening Ceremony

Keynote Session

10:05-10:30

Title: Superior visible-light absorbing Ag@ZnO nanorods hybrid photocatalyst for efficient decomposition of commercial pharmaceuticals tetracycline and amoxicillin

Sukhandeep Kaur, Thapar Institute of Engineering and Technology, India

10:30-10:55

Title: Chemical Assessment of Trace Element Spatial Variability in Tangier Bay Seawater: Ecological and Health Perspectives

Ayoub Simou, Faculty of Sciences and Techniques of Tangier, Morocco

10:55-11:20

Title: Synthesis of a ratiometric molecular probe with fluorescent properties based on amide derivative of cumarin and caffeic acid

Piotr Michałowski, Institute of Bioorganic Chemistry Polish Academy of Sciences, Poland

11:20-11:45

Title: Anti-adipogenic properties of bio-waste products of *Mangifera indica* L.: a natural source of phytochemicals to counteract Palmitate induced -hypertrophy and -ER stress in 3T3-L1 model

Antonella D'Anneo, University of Palermo, Italy

Plenary Speaker Session

Sessions

Chemistry |Pharmaceutical Chemistry | Petro chemistry
Green chemistry | Advanced Medicinal Chemistry | Advanced Organic & Inorganic Chemistry

Sessions
Chairperson

Antonella D'Anneo, University of Palermo, Italy

Sukhandeep Kaur, Thapar Institute of Engineering and Technology, India

11:45-12:10

Title: Cellulose-Amine Porous Materials: The Effect of Activation Method on Structure, Textural Properties, CO₂ Capture, and Recyclability

Sarah Krupšová, Pod Krčským lesem Prague, Czech Republic, Slovakia

12:10-12:35

Title: Assessment of crystallographic structure reliability for PROTAC ternary complexes: an interface energy perspective on crystal packing

Yaxia Yuan, University of Texas Health San Antonio, USA

12:35-13:00	Title: Nanotechnology-Enhanced Cosmetic Application of Kojic Acid Dipalmitate, a Kojic Acid Derivate with Improved Properties
	Angreni Ayuhasuti, Universitas Padjadjaran, Indonesia
13:00-13:25	Title: Metastasis-Directed Stereotactic Body Radiotherapy in Prostate Cancer Patients Treated with Systemic Therapy and Undergoing Oligoprogression: Report on 11 Consecutive Cases
	Emanuele Chioccola, University Federico Napoli, Italy
13:25-13:50	Title: Determination of hydrophilic marine biotoxins in bivalve molluscs by liquid chromatography coupled with tandem mass spectrometry (LC-MS/MS)
	Nadia Besbes, University of Carthage, Tunisia
13:50-14:15	Title: Nano-Silica on the Mechanical and Durability Properties of Cementitious Composites
	Haneen Mahmoud Salem Al-Tawaiha, Al-Balqa Applied University, Jordan
14:15-14:40	Title: Green Hydrogen Driven by Wind and Solar—An Australian Case Study
	Thomas Wilson, University of Melbourne, Australia
14:40-15:05	Title: Enhancing water thermal conductivity by carbon nanotube inclusion: A critical review
	Ibrahim Khoswaan, An-Najah National University, Palestine
15:05-15:30	Title: Evolution of the Electronic Properties of Tellurium Crystals with Plasma Irradiation Treatment
	Congzhi Bi, Biomimetics and Soft Matter University, China
15:30-15:55	Title: Artur Bressanelli Teixeira, Carlos Hoffmann Sampaio, Josep Oliva Moncunill
	Hassan barkat, Universitat Politecnica de Catalunya, Spain
15:55-16:20	Title: In silico drug discovery of TRKs inhibitors from indolin-2-one derivatives as potential anti-cancer agents
	Rachid Haloui, Sidi Mohamed Ben Abdellah-Fez University, Morocco
16:20-16:45	Title: Pilot Scale Continuous Pulsed Electric Fields Treatments for Vinification and Stabilization of Arinto and Moscatel Graúdo (Vitis vinifera L.) White Grape Varieties: Effects on Sensory and Physico-Chemical Quality of Wines
	Riccardo Borgo, Universidade de Lisboa, Portugal
16:45-17:10	Title: Graphene Phototheranoscitics for Cancer and Bacteria
	Ganesh Gopalvelli, Jawaharlal Nehru Technological University, Kakinada, India
Poster Presentation (17:10-18:40)	
P001	Title: Research on the Valorization of Agro-Food By-Products and Waste
	Alexa Irina-Claudia, University of Bacău , Romania
P002	Title: Targeted Delivery of mRNA with One-Component Multifunctional Sequence-Defined Ionizable Amphiphilic Janus Dendrimers
	Juncheng Lu ,Brown University, USA
P003	Title: Removal of pharmaceutical emerging pollutants from wastewater using activated carbon of walnut shells: Kinetics, Mechanism and DFT calculations
	Hicham Yazid, Faculty Poly Disciplinary of Safi, Morocco

P004

Title: Chemical Composition of the Essential Oil from Ruta chalepensis L. Growing Wild and its Acaricidal Activity Against the Cattle Tick Rhipicephalus

Ahmed AM Abdelgawad, National Research Centre Dokki Giza, Egypt

P005

Title: Neuroprotective Effects of Krypton Inhalation on Photothrombotic Ischemic Stroke

Viktoriya Antonova, Institute of medicine and rehabilitology, Russia

P006

Title: Promoting the Diversity, Equity, and Inclusion in Organic Chemistry Education through Undergraduate Research Experiences at WSSU

Mamudu Yakubu, Winston-Salem State University, USA

P007

Title: Adsorption of fluoride onto Raffia palm shell activated carbon/aluminium (hydr) oxide composites: Optimization of batch operations and point of use system evaluation

Raphael Terungwa Iwar, Agricultural and Environmental Engineering, Nigeria

P008

Title: Effect of pH Value on the Bandgap Energy and Particles Size for Biosynthesis of ZnO Nanoparticles: Efficiency for Photocatalytic Adsorption of Methyl Orange

Bachir Gherbi, University of El Oued, Algeria

P009

Title: Development and characterization of a novel Thymoquinone-loaded lipid nanocapsule for oral administration

Mouna Selmi, Université de Monastir, Tunisia

End of Session

Closing Ceremony

Researcher Meetings

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