

SCIENTIFIC PROGRAM

10th International Webinar on Chemistry and Pharmaceutical Chemistry

April 27-28, 2024 | Webinar (Online Meeting)

Scientific Meditech

61 Bridge Street, Kington HR53DJ, UK

Phone: +44-7451227532

Email: chemistry@scientificmeditech.com

Chemistry 2024

<https://chemistry.scientificmeditech.com/>

Scientific Program

April 27-28, 2024 | Chemistry 2024

Online (Zoom Meeting)

Time Zone: GMT+1 (London, UK)

April 27, 2024

10:00-10:05

Opening Ceremony

Keynote Session

10:05-10:35

Title: Risk of adults carcinogenicity due to lead and cadmium contamination of cow's milk brands available in the Portuguese market

Vanda Maria Falcão Espada Lopes de Andrade, Universidade de Lisboa, Portugal

10:35-11:05

Title: Are There Lipid Membrane-Domain Subtypes in Neurons with Different Roles in Calcium Signaling?

Alejandro Khalil Samhan Arias, Universidad Autónoma de Madrid, Spain

11:05-11:35

Title: Methyl gallate targets redox-balance circuits in colon cancer cells: new molecular clues in phytochemical-based strategies

Antonella D'Anneo, University of Palermo, Italy

11:35-12:05

Title: In vitro and in vivo behaviour of magnetic gastroretentive systems: floating and hydrophilic matrices tablets

João Miguel Barboza, São Paulo State University - UNESP, Brazil

12:05-12:35

Title: Shape Reversibility and Crystallographic Transformations in Shape Memory Alloys

Osman Adiguzel, Firat University, Turkey

12:35-13:05

Title: Self-assembled nanocellulose aerogel for adsorptive removal of antibiotics from water

Gregory T. Schueneman, Forest Products Laboratory, USA

Plenary Speaker Session

Sessions

Chemistry | Pharmaceutical Chemistry | Overview on Pharmaceutical Industry | Drug Designing & Drug Discovery | Organic Chemistry | Inorganic Chemistry | Advanced Medicinal Chemistry | Green & Sustainable Chemistry | Future Scope of Chemistry

Session
Chairperson

João Miguel Barboza, São Paulo State University - UNESP, Brazil

Osman Adiguzel, Firat University, Turkey

13:05-13:35

Title: Evaluation of the potency of selected antibiotic medications dispensed in community pharmacies in gwale-kano, Nigeria

Nafisa Ibrahim Babba, Bayero University Kano, Nigeria

13:35-14:05	Title: DFT-Based QM/MM Molecular Dynamics Simulations of the MraY- Nucleoside Antibiotic Complexes to Characterize Intermolecular Interactions of Muraymycin D2, Tunicamycin, Capuramycin, Carbacaprazamycin, and 3'-Hydroxymureidomycin A Antibiotics with the MraY Active Site Residues
	Elahe K. Astani, Pasteur Institute of Iran, Iran
14:05-14:35	Title: Flotation-based separation of quartz and potassium feldspar
	Kalyani Mohanty, Universitat Politècnica de Catalunya Barcelona Tech, Spain
14:35-15:05	Title: Verbascum l.: Source of active principles
	Jesús Palá-Paúl, Universidad Complutense de Madrid, Spain
15:05-15:35	Title: Phytochemical screening, GC-MS analysis of Methanolic and aqueous extract of Ocimum kilimandscharicum leaves.
	Horyomba Siaka Ouandaogo, Pan African University of Basic Science, Kenya
15:35-16:05	Title: Electrochemical and Theoretical Assessment of Two Heterocyclic Schiff Bases as Effective Corrosion Inhibitors for Carbon Steel in Sulfuric Acid Solution
	Merfat S. Al-Sharif, Taif University, Saudi Arabia
16:05-16:35	Title: Probing Relative Humidity Impact on Biological Protein Bovine Serum Albumin and Bovine Submaxillary Gland Mucin by Using Contact Resonance Atomic Force Microscopy
	Erum Kakar, University of the Punjab, Lahore, Pakistan
16:35-17:05	Title: The impact of Candida albicans in the development, kinetics, structure, and cell viability of biofilms on implant surfaces - An in vitro study with a validated multispecies biofilm model
	Dr. Enrique Bravo & Dr. Marion Arce, University of Chile, Chile
17:05-17:35	Title: Blockchain Technology as an Emerging Tool for Traceable Carbon Emissions Information in Supply Chains
	Chen Zhangl, Harbin University of Commerce, China
17:35-18:05	Title: Process Development for the Manufacture of the Antimalarial Amodiaquine Dihydrochloride Dihydrate
	Mukut Gohain, Chemical Process Technologies, South Africa
18:05-18:35	Title: Designed Nanomodulators Targeting Neurodegenerative Disease
	Nibedita Pradhan, Kristu Jayanti College, India
18:35-19:05	Title: Rapid Visual Diagnostics in Women's Health: DNA Aptamer-Conjugated Gold Nanoparticles
	Saman Ameri-Mahabadi, Griffith University, Nathan, Australia
19:05-19:35	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, Department of Agricultural and Environmental Engineering, Nigeria

19:35-20:35	Video Presentation
P001	Title: Rheology of cottonseed (<i>Gossypium hirsutum</i>) oil used as biodegradable lubricant
	Ioana Stanciu, University of Bucharest, Romania
P002	Title: Exploring the Antidiabetic Potential of Ultrasound-Extracted Propolis from <i>Apis mellifera</i>
	Gabriela Medina-Pérez & Teams, Autonomous University of the State of Hidalgo, Mexico
P003	Title: Left Ventricular Thrombus Formation in a COVID-19 Patient with a Complex Course of Pericarditis and Myocardial Infarction
	Saman Ameri-Mahabadi, Zanjan University of Medical Sciences, Iran
Closing Ceremony	
Award Ceremony	
<p>Scientific Meditech 61 Bridge Street Kington HR53DJ, UK Ph: +44-7451227532 E-Mail: chemistry@scientificmeditech.com daisymartin290@gmail.com</p>	