



4th International Virtual Conference on Chemistry and Analytical Chemistry

August 24-25, 2024

Scientific Program

Chemistry Meeting 2024

Virtual (Teams Meeting) Time Zone: GMT+1 (London, UK)

August 24, 2024

Opening Ceremony : Time: 09:00-09:05 AM

Keynote Session

09:05-09:30	Title: Synthesis and analysis of Pyrazole Scaffold as Kinase Enzyme Inhibitor: DFT, Molecular Docking and ADME analysis
	Khaled Ayil Ali Abdullah, King Abdulaziz University, Saudi Arabia
09:30-09:55	Title: Direct and Reverse micellar-enhanced photo-induced fluorescence determination of fenvalerate in Senegalese natural water
	Diène Diégane Thiaré, Université Cheikh Anta Diop, Sénégal
09:55-10:20	Title: Characterization of the molecular mechanism of Quillaic Acid from Quillaja Saponaria Mol. as an anti-inflammatory agent
	María Carolina Otero A, Andres Bello University, Chile

1. Plenary Speaker Session

Session Details	Analytical Chemistry *** Pharmaceutical Chemistry *** Research Studies in Pharmacology *** Chemical Engineering *** Drug Delivery Techniques ***
Session Chairperson	Khaled Ayil Ali Abdullah, King Abdulaziz University, Saudi Arabia
	María Carolina Otero A, Andres Bello University, Chile
10:20-10:45	Title: Associations between Serum Iron Indices and Self- Assessed Multiple Intelligence Scores among Adolescents in Riyadh, Saudi Arabia
	Hibah Abdulqader Azzah Farhan, King Saud University, Saudi Arabia
10:45-11:10	Title: RNA Co-Expression Analysis (RCA): A Novel Method to Identify Biomarkers for Cell Functions in Health and Diseases
	Sungchul Ji, Rutgers University, USA
11:10-11:35	Title: Chemical analysis and antibacterial susceptibility of some brands of amoxicillin suspension marketed in Sagamu, Ogun, Nigeria
	Iyanu Oluwafemi Awotuya, Obafemi Awolowo University, Nigeria

11:35-12:35	Poster Presentation
P001	Title: Selected problems of qualitative analysis in GC/MS on the example of semivolatile environmental pollutants
	Lukasz Dąbrowski, Bydgoszcz University of Science and Technology, Poland
P002	Title: Environmentally Benign Grape Seed Oil for Corrosion Inhibition: Cutting-Edge Computational Modeling Techniques Revealing the Intermolecular and Intramolecular Synergistic Inhibition Action
	Ahmed Batah, University Ibn Zohr Agadir, Morocco
P003	Title: First electrochemical bioplatfrom to assist in personalized 5-fluorouracil chemotherapy
	Mohamed Zouari, Universitaire Manar, Tunisia
P004	Title: Insight into the Adsorption Behavior of Carbon Nanoparticles Derived from Coffee Skin Waste for Remediating Water Contaminated with Pharmaceutical Ingredients
	Mutaz Ezzeldien Salih Amin, University of Riyadh, Saudi Arabia
12:35-13:00	Refreshment Break
Plenary Speaker Session 2	
13:00-13:25	Title: A Comparative Study on the Influence of N-Doped Primary and Secondary Hydrochars on the Electrochemical Performance of Biobased Carbon Electrodes for Energy Storage Application
	Jan Willem Straten, University of Hohenheim Stuttgart, Germany
13:25-13:50	Title: Effects Of H2-Receptor Antagonists On The Exposure Of Dacomitinib
	Jian Jane Liu, Clinical Pharmacology, China
13:50-14:15	Title: Correlation between Smart Mask and Knitted Coil Sensors Breathing Data †
	Matthew Setiawan, Imperial College London, UK
14:15-14:40	Title: System of Counting Green Oranges Directly from Trees Using Artificial Intelligence
	Matheus Felipe Gremes, University of Maringá, Brazil
14:40-15:05	Title: Re: Rapid screening of sixty potato cultivars for starch profiles to address a consumer glycemic dilemma
	David Sands, University Bozeman, USA
15:05-15:30	Title: Therapeutic Potential of Ammodaucus leucotrichus Seed Extracts: A Multi-Faceted Analysis of Phytochemical Composition, Anti-Inflammatory Efficacy, Predictive Anti-Arthritic Properties, and Molecular Docking Insights
	Cheima Djehiche, University of Setif Setif, Algeria
15:30-15:55	Title: The Blue Tansy Essential Oil–Petra/Osiris/Molinspiration (POM) Analyses and Prediction of Its Corrosion Inhibition Performance Based on Chemical Composition
	Zriouel Wafaa, University of Casablanca, Morocco
15:55-16:20	Title: Uncovering the Limitations and Insights of Packet Status Prediction Models in IEEE 802.15.4-Based Wireless Networks and Insights from Data Science
	Mariana Avalos Arce, Universidad Panamericana, Mexico
16:20-16:45	Title: Chaos Assisted Tunneling
	Linda Reichl, University of Texas at Austin USA

16:45-17:10	Title: Rapid screening methods of potato cultivars for low glyceic traits
	David Sands, Montana State University, USA
17:10-17:35	Title: Characterization, seasonal change, source apportionment, and health risk estimation of black carbon over an East Indian metropolitan region
	Tapan Kumar Sankar, G H Raison University, India
17:35-18:00	Title: Chlorophyll-chlorophyll interactions
	Edward Dratz, Montana State University, USA

End of the Session

Closing Ceremony

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