



6th International Virtual Conference on Chemistry and Analytical Chemistry

June 21-22, 2025

Scientific Program

Chemistry Meeting 2025

Virtual (Teams Meeting)

Time Zone: GMT+1 (London, UK)

June 21, 2025

Opening Ceremony

Time: 10:30-10:35 AM

Keynote Session

10:35-11:00	Title: Nitrogen Heterocycles: Synthesis and Biological Activity
	Abdullah Alhassani, MSc, KAU, KSA
11:00-11:25	Title: Synthesis, Characterization and In-Silico study of Schiff Bases Containing Nitrogen Heterocycles
	Yehya Ali Abdo Khbrani, King Abdulaziz University, Saudi Arabia
11:25-11:50	Title: Balancing Beauty and Health: The Hidden Dangers of Heavy Metals in Cosmetics
	Umaima Gazal, A.V. College of Arts & Commerce, Osmania University, Hyderabad, India

Plenary Speaker Session

Session Details	Analytical Chemistry *** Pharmaceutical Chemistry *** Research Studies in Pharmacology *** Chemical Engineering *** Drug Delivery Techniques ***
Session Chairperson	Mitsu Patel, UCLA School of Dentistry, The University of California, Los Angeles, USA
11:50-12:15	Title: Preparation of AlLi alloy by mechanical milling at low Li concentration and its reaction with water for hydrogen generation
	José Luis Iturbe García, Gerencia de Ciencias Básicas; Instituto Nacional de Investigaciones Nucleares, México
	Elizabeth Teresita Romero Guzmán, Gerencia de Ciencias Básicas; Instituto Nacional de Investigaciones Nucleares, México
12:15-12:40	Title: Characterization of the antibacterial activity produced by a newly selected local Bacillus probiotic strain
	Ali Aljohani, University of Jeddah - Kingdom of Saudi Arabia

12:40-13:05	Title: Ionic Geochemistry: Enhanced Soil Analysis for Mineral Exploration via High-Efficiency Ligand-Based Mobile Ion Extraction with Simultaneous Detection of 57 Elements in a Single Extraction
	Abdallah Ait El Moudden, Cadi Ayyad University- Faculty of Sciences, Morocco
13:05-13:30	Title: Interaction of half-sandwich Rh(III) ion and some of its complexes with endogenous imidazole derivatives
	Azza Ahmed Hassoon, Department of Chemistry, Mansoura University, Egypt
13:30-13:55	Title: The shape of a crystal
	Emanuel Indrei, Kennesaw State University, USA
13:55-14:20	Title: Comprehensive Risk Assessment and Mitigation Strategy of Nitrosamine Life Cycle Management in Pharmaceuticals: A Generic Guidance
	Partha S. Mukherjee, Amicus Therapeutics, USA
14:20-14:45	Title: Effect of Turmeric Staining and Bleaching Treatment on Color Stability and Surface Hardness of Different Dental Composite Resins
	Mitsu Patel, UCLA School of Dentistry, The University of California, Los Angeles, USA
14:45-15:10	Title: Re: Rapid screening of sixty potato cultivars for starch profiles to address a consumer glycemic dilemma
	David Sands, University Bozeman, USA
15:10-15:35	Title: Chaos Assisted Tunneling
	Linda Reichl, University of Texas at Austin USA
15:35-16:00	Title: Rapid screening methods of potato cultivars for low glycemic traits
	David Sands, Montana State University, USA
16:00-16:25	Title: Characterization, seasonal change, source apportionment, and health risk estimation of black carbon over an East Indian metropolitan region
	Tapan Kumar Sankar, G H Raisonni University, India
16:25-16:50	Title: Chlorophyll-chlorophyll interactions
	Edward Dratz, Montana State University, USA
16:50-18:00	Poster Presentation
P001	Title: Application of in silico methods for the identification of PROTAC degraders targeting neurodegenerative diseases: pharmacokinetic properties and toxicity
	Natalia Kubryń, PhD, Collegium Medicum of Nicolaus Copernicus University in Bydgoszcz, Poland
P002	Title: First electrochemical bioplatfrom to assist in personalized 5-fluorouracil chemotherapy
	Mohamed Zouari, Universitaire Manar, Tunisia
P003	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

P004

Title: RNA Co-Expression Analysis (RCA): A Novel Method to Identify Biomarkers for Cell Functions in Health and Diseases

Sungchul Ji, Rutgers University, USA

End of the Session

Closing Ceremony

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