



# 7th International Virtual Conference on Chemistry and Analytical Chemistry

November 08-09, 2025

## Scientific Program

### Chemistry Meeting 2025

Virtual (Teams Meeting)

Time Zone: GMT+0 (London, UK)

November 08, 2025

Opening Ceremony

Time: 11:00-11:05 AM

### Keynote Session

11:05-11:30	Title: PFAS-Free PEMs for Water Electrolysis
	Heena Yang, Korea Water Resources Corporation, Korea
11:30-11:55	Title: EPS production by Lacticaseibacillus Casei using Glycerol, Glucose, and Molasses as Carbon Sources
	Guilherme Deomedesse Minari, São Paulo State University, Brazil
11:55-12:20	Title: Reducing cognitive decline: molecular docking studies of AZD4017 analogs
	Riya Koya, Carmel High School, USA
12:20-12:45	Title: Smart Nanomaterials for Sustainable Energy and Environmental Applications
	Sowmya Dean, Assistant Research Scientist, PhD, KISR, Kuwait

### 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
12:45-13:10	Title: New Natural Products from Plants with Special Reference to Novel Flavonoids and Biflavonoids
	Mohammad Kamil, Director General, Lotus Holistic Institute, Abu Dhabi, UAE
13:10-13:35	Title: Benzo[f]indole-4,9-dione Derivatives: Heterogeneous Synthesis vs Photocatalytic synthesis
	Selene Lagunas-Rivera, University of Guanajuato, Mexico
13:35-14:00	Title: Analysis of Sulfated Cyanopeptides in Lake Erie Water Samples: Quantification via SPE-UHPLC-PDA-MS
	Omoniyi Babajide Awe, University of Toledo, USA

14:00-14:25	<b>Title: Method for Improving the Crack Resistance of Unsaturated Polyester Composite Materials Reinforced with Bamboo Fiber</b>
	<b>Rispandi, Andalas University, Indonesia</b>
14:25-14:50	<b>Title: Development of a reproducible HS-SPME-GC-MS method to analyze headspace volatiles from Brazilian propolis</b>
	<b>Mariana Budóia Gabriel, Universidade São Francisco, Brazil</b>
14:50-15:15	<b>Title: Novel hybrid quinoxaline-1,3,4-oxadiazole: Synthesis, crystal structure, computational and pharmacological studies</b>
	<b>Mohcine Missioui, Mohammed V University in Rabat, Morocco</b>
15:15-15:40	<b>Title: The Effect of Chemokine Receptor Antagonists on the Migration of Tumour-Associated Macrophages</b>
	<b>Emanuel Michael Patelia, Sardar Patel College of Pharmacy, India</b>
15:40-16:05	<b>Title: Vibrational energy levels predictions for D2 16O, D217O and D218O</b>
	<b>Ang Yang Yu, Zhaotong University, China</b>
16:05-16:30	<b>Title: Sustainable Research and Technological Development on Bio-Energy</b>
	<b>Abdeen Mustafa Omer, Energy Research Institute Nottingham , United Kingdom</b>
16:30-16:55	<b>Title: Rapid screening methods of potato cultivars for low glycemic traits</b>
	<b>David Sands, Montana State University, USA</b>
16:55-17:20	<b>Title: Characterization, seasonal change, source apportionment, and health risk estimation of black carbon over an East Indian metropolitan region</b>
	<b>Tapan Kumar Sankar, G H Rasoni University, India</b>
17:20-17:45	<b>Title: Chlorophyll-chlorophyll interactions</b>
	<b>Edward Dratz, Montana State University, USA</b>
17:45-18:10	<b>Poster Presentation</b>
P001	<b>Title: Application of in silico methods for the identification of PROTAC degraders targeting neurodegenerative diseases: pharmacokinetic properties and toxicity</b>
	<b>Natalia Kubryń, PhD, Collegium Medicum of Nicolaus Copernicus University in Bydgoszcz, Poland</b>
P002	<b>Title: First electrochemical bioplatfrom to assist in personalized 5-fluorouracil chemotherapy</b>
	<b>Mohamed Zouari, Universitaire Manar, Tunisia</b>
P003	<b>Title: Insight into the Adsorption Behavior of Carbon Nanoparticles Derived from Coffee Skin Waste for Remediating Water Contaminated with Pharmaceutical Ingredients</b>
	<b>Mutaz Ezzeldien Salih Amin, University of Riyadh, Saudi Arabia</b>
P004	<b>Title: RNA Co-Expression Analysis (RCA): A Novel Method to Identify Biomarkers for Cell Functions in Health and Diseases</b>
	<b>Sungchul Ji, Rutgers University, USA</b>
<b>End of the Session</b>	
<b>Closing Ceremony</b>	

**Imperial Conferences**

**71-75 Shelton Street, Covent Garden, London, WC2H 9JQ, United Kingdom**

**Phone Number: +44-2038851456**

**Email: [chemistryinfo@imperialconferences.com](mailto:chemistryinfo@imperialconferences.com)**