

SCIENTIFIC PROGRAM

**12th International Webinar on
Chemistry and Pharmaceutical
Chemistry**

October 17-18, 2025 | Webinar

Scientific Meditech

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Chemistry 2025

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Scientific Program

October 17-18, 2025 | Chemistry 2025

Online (Zoom Meeting)

Time Zone: GMT+1 (London, UK)

October 17, 2025 | 09:00 AM

09:00-09:05

Opening Ceremony

Keynote Session

09:05-09:30

Title: Synthesis and antimicrobial evaluation of benzothiazole schiff bases

Thuraya Salim Al-Harthy, College of Applied and Health Sciences, A'Sharqiyah University, Oman

09:30-09:55

Title: Investigating the Role of Base Chemistry in Doping Efficiency and Crystallinity of F-Doped SnO₂ Nanoparticles

Pattama Apichai, , Chiang Mai University, Thailand

09:55-10:20

Title: First-Principles Insights into Microenvironment-Driven Asymmetric Catalysis in Chiral MOFs

Wenwen Shi, University of Science and Technology of China, China

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

Osman Adiguzel, Firat University, Elazig, Turkey

Amin F. Majdalawieh, American University of Sharjah, United Arab Emirates

10:20-10:45

Title: Vibrational energy levels predictions for D2 160, D2 170 and D2 180

Ang-yang Yu, Zhaotong University, China

10:45-11:10

Title: Synergistic Effects of Injectable Platelet-Rich Fibrin and Bioactive Peptides on Dermal Fibroblast Viability and Extracellular Matrix Gene Expression

Ana Giulia Lenci Paccola, University of São Paulo (FOB/USP), Brazil

11:10-11:35

Title: Chemical Modulation at the Oil-Brine-Rock Interface: A Predictive Model for Optimizing Carbonated Low-Salinity Water flooding

Amaury Alvarez Cruz, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil

11:35-12:00

Title: Graphite exfoliation into graphene-like structures using polyketones modified with pendant furan groups

	Ricardo Matías Cisternas Ramírez, Universidad Tecnológica Metropolitana, Chile
12:00 -12:25	Title: Influence of Platelet Storage Bag Polymer Composition on Staphylococcus epidermidis Biofilm Formation
	Sahra Fonseca, Héma-Québec, Laval University ,Canada
12:25-12: 50	Title: Ab Initio Insights into the Electronic and Mechanical Properties of III-Nitrides
	Ez-zejjari Ilyass, Hassan II University, Morocco
12:50-13:15	Title: EPS production by Lacticaseibacillus Casei using Glycerol, Glucose, and Molasses as Carbon Sources
	Guilherme Deomedesse Minari, São Paulo State University (Unesp), Brazil
13:15-13:40	Title: Dual Memory Characteristics and Lattice Reactions Governing Reversibility in Shape Memory Alloys
	Osman Adiguzel,Firat University, Elazig, Turkey
13:40-14:05	Title:Revisiting Biogenic Amines: Nature's Hidden Molecules for Health and Healing
	Varsha J. Galani, Indubhai Patel College of Pharmacy and Research Centre, India
14: 05-14:30	Title: Preparation and characterization of Organogel for topical delivery of Flucinolone acetoneide
	Emanuel Michael Patelia, Gujarat Technological Unievrsity, India
14:30-14:55	Title: Electrochemical Detection of Caffeic Acid on Diethyl 3,4-Dihydroxythiophene-2,5-dicarboxylate-Modified Carbon Paste Electrode: Insights from Computational Analysis
	Surya Chethana Suresh, Nitte Meenakshi Institute of Technology, India
14:55-17:30	Poster Presentation
P001	Title: Evaluation of the Corrosion Inhibition Properties of the Phosphate Derivative for Carbon Steel in 1 M Hydrochloric Acid
	Elouhabi Nora , Ibn Tofail University, Morocco
P002	Title: Thermal radiation and heat source effects on Oldroyd-B fluid flow in convergent/divergent channels
	Subhan Ullah, University of Malakand, Pakistan
P003	Title: Sesamum indicum (sesame) enhances NK anti-cancer activity and splenocyte proliferation, modulates Th1/Th2 balance, and suppresses macrophage inflammatory response
	Amin F. Majdalawieh , American University of Sharjah, United Arab Emirates
P004	Title: Optimized HPLC Gradient for Semaglutide: Reducing Runtime from 60 to 37 Minutes while Maintaining Precision and Specificity
	Enrique Cataldo, Analytical Development, DUTRIEC S.A., Asunción, Paraguay
P005	Title: Assessment of Respiratory Health Impacts of PM2.5 by AirQ+ Software in a Sub-Saharan African Urban Setting
	Mélanie Ngutuka Kinzunga, University of Kinshasa, Congo

Closing Ceremony

Award Ceremony

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