

# Chemistry Conference 2025



## SCIENTIFIC PROGRAM

10th International Conference on Chemistry &  
Pharmaceutical Chemistry

October 24-25, 2025 | Dubai, UAE & Virtual  
(Hybrid Event)

**Delight Scientific Conferences**

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<http://chemistry.delightscientific.com/>

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Chemistry Conference 2025 | October 24-25, 2025

Timing: 13:30 | Time Zone: GMT+1, London, UK

October 24, 2025

Opening Ceremony: 13:30-13:35

## Keynote Speaker Session

Presentation Time: 13:35-14:00

**Dr. Manal Al-Najdawi**, Faculty of Pharmacy, Middle East University, Amman, Jordan

**Presentation Title:** Exploring Carboxamide Derivatives as Promising Anticancer Agents: Design, In Vitro Evaluation, and Mechanistic Insights

14:00-14:25

**Dr. Nadra Naheed**, ICCBS (University of Karachi), Karachi, Pakistan

**Presentation Title:** New isolate from *Salvinia molesta* with antioxidant and urease inhibitory activity

## Plenary Speaker Session

### Scientific Sessions

**Session 01:** Applications of Chemistry

**Session 02:** Overview on Pharmaceutical Industry

**Session 03:** Chemistry & Chemical Engineering

**Session 04:** Materials Chemistry & Nanotechnology

**Session 05:** Environmental & Green Chemistry

**Session 06:** Medicinal Chemistry and Drug Discovery

**Session 07:** Application of Pharmaceutical Chemistry

### Session Chairperson

**Dr. Rana Saad**, Beni-Suef University, Egypt

**Dr. Yaseen Laghari**, Nanjing Normal University, China

14:25-14:50

**Dr. Bin Wu**, Engineering Nanyang Technological University, Singapore

**Presentation Title:** Optimizing Electronic Synergy of Atomically Dispersed Dual-metal Ni-N<sub>4</sub> and Fe-N<sub>4</sub> sites with Adjacent Fe nanoclusters for High-efficiency Direct Ammonia Fuel Cells

14:50-15:15

**Dr. Anil batta**, Department of biochemistry, Muzaffarnagar medical college, india

**Presentation title:** Chemistry in the treatment of ulcerative collitis

15:15-15:40

**Dr. Emmanuel Karungani**, Maseno University, Kisumu, Kenya

**Presentation Title:** Photoluminescence Dependence of 2-Bromo-3-aminobenzo[de]anthracene-7-one on Solvent Polarity for Potential Applications in Color-Tunable Optoelectronics

15:40-16:05

**Dr. Amit Sarode**, Old Dominion University, Norfolk, USA

**Presentation Title:** Harnessing Nature's Photochemistry: A Review on Thylakoid-Based Photoanodes for Bioelectrochemical Energy Conversion

16:05-16:30

**Dr. Mohammad Kamil**, ICCBS (University of Karachi), Karachi, Pakistan

**Presentation Title:** Effect of black wolfberry anthocyanin and maltitol on the gelation and microstructural properties of curdlan/gellan gum hybrid gels

16:30-16:55

**Dr. Abdeen Mustafa Omer**, Energy Research Institute, United Kingdom

**Presentation Title:** SUSTAINABLE RESEARCH AND TECHNOLOGICAL DEVELOPMENT ON BIO-ENERGY

16:55-17:20

**Dr. Omoniyi Babajide Awe**, AbbVie Pharmaceuticals, North Chicago, IL

**Presentation Title:** Analysis of Sulfated Cyanopeptides in Lake Erie Water Samples: Quantification via SPE-UHPLC-PDA-MS

17:20-17:45

**Dr. Dipak Raj Jaishi**, Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal

**Presentation Title:** Extraction of metabolites and synthesis of zinc oxide (Zno) nanoparticles using *Alnus nepalensis* d. Don for biological applications

17:45-18:10

**Dr. Muhammad Waseem**, School of Materials Science and Engineering, China

**Presentation Title:** Lightweight ZnO/Carbonated Cotton Fiber Nanocomposites for Electromagnetic Interference Applications: Preparation and Properties

18:10-18:35

**Dr. Yaseen Laghari**, Nanjing Normal University, China

**Presentation Title:** Groundwater Depletion and Degradation in the North China Plain: Challenges and Mitigation Options

18:35-19:00

**Dr. Syed Sohail Ahmad**, Hazara University, Pakistan

**Presentation Title:** Combating Cariogenic *Streptococcus mutans* Biofilm Formation and Disruption with Coumaric Acid on Dentin Surface

**Poster Presentation (19:00-20:30)**

51VCME 01

**Dr. Rediet Regassa**, Jimma University, Ethiopia

**Presentation Title:** Environmental Enteropathy and Its Association with Water Sanitation and Hygiene in Slum Areas of Jimma Town Ethiopia

51VCME 02

**Dr. Tidjani Negadi**, University of Oran, Algeria

**Presentation Title:** Revealing the Genetic Code Symmetries through Computations Involving Fibonacci-like Sequences and Their Properties

51VCME 03

**Dr. Kisung Lee**, Kangwon National University, Republic of Korea

**Presentation Title:** Metal-Organic Framework for Plastic Depolymerization and Upcycling

51VCME 04

**Dr. Jamila M. Mweta**, Tuskegee University, USA

**Presentation Title:** Effect of Weather Conditions on Phytochemical Profiles in Organically Grown Cowpea (*Vigna unguiculata* L. Walp)

51VCME 05

**Dr. Wei Li**, University of Tennessee Health Science Center, USA

**Presentation Title:**ATAD2 as a Cancer Target: Insights into Its Structure, Functions, Mechanisms, and Drug Development

**End Of Session**

**Awards & Closing Ceremony**

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