



# 2<sup>nd</sup> International Virtual Conference on Chemistry and Pharmaceutical Chemistry July 04-05, 2025.

## SCIENTIFIC PROGRAM

Time Zone: GMT+1, London, UK

Day 01 | July 04, 2025

Opening Ceremony

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10:00-10:10 AM

Keynote Speaker Session

Presentation Time: 10:10-10:40

Dr. Ivana Cacciatore, Department of Pharmacy, "G. d'Annunzio" University of Chieti-Pescara, Italy  
Presentation Title: Development of Water-Soluble Carvacrol Prodrugs for Antimicrobial and Wound-Healing Applications

10:40-11:10

Dr. Dinka Lale, Faculty of electrical engineering and applied computing, University of Dubrovnik, Croatia  
Presentation Title: Long-term Use of Nuclear Energy from the Aspect of Economy and Greenhouse Gas Emissions

11:10-11:40

Dr. Teodorico C. Ramalho, Federal University of Lavras, Brazil.  
Presentation Title: Innovation and Opportunities in Developing Molecules for the Agrochemical and Defense Industries: From Theory to Technology

11:40-12:10

Dr. Olha Storchylo, Odessa National Medical University, Ukraine  
Presentation Title: Comparative analysis of the capabilities of herbal medicines in the treatment of diabetes

12:10-12:40

Dr. SABU THOMAS, Mahatma Gandhi University, Priyadarshini Hills P. O. Kottayam, Kerala, India  
Presentation Title: Engineering at the Nanoscale: A Strategy for Developing High Performance Functional Materials from Biopolymers

## Plenary Speaker Session

### Scientific Sessions

Track 01: Chemistry  
Track 02: Pharmaceutical Nanotechnology  
Track 03: Environmental & Green Chemistry  
Track 04: Medicinal Chemistry  
Track 05: Materials Chemistry & Nanotechnology  
Track 06: Analytical Chemistry  
Track 07: Overview on Pharmaceutical Industry  
Track 08: Nutrition & Food Chemistry  
Track 09: Future Scope of Chemistry

### Sessions Chairperson

Dr. Sumaira Omer, Xian Jiatong University, China  
Dr. Brian S. J. Blagg, The University of Kansas, USA

**Presentation Time:** 12:40-13:10

Dr. Francisco J. López-Hernández, University of Salamanca, Spain  
Presentation Title: Quercetin for the prevention of acute kidney injury

13:10-13:40

Dr. Peter Shaba, Indian Veterinary Research Institute, India  
Presentation Title: Therapeutic activity of HPLC purified pure compound lantadene D from Lantana camara leaves against *Trypanosoma evansi*

13:40-14:10

Dr. Vishal Mutreja, Chandigarh University, India  
Presentation Title: Greener Synthesis of Silver nanoparticles and their Sensing applications

## Poster & Video Presentation

14:10-14:40

Dr. ASMAA BOUABBADI, Faculty of Sciences, Ibn Tofail University, Morocco  
Presentation Title: Electrochemical and thermodynamic studies of certain compounds derived from 8-hydroxyquinon as inhibitors of acid corrosion in mild steel

14:40-15:10

Dr. Elouhabi Nora, Department of Chemistry, Faculty of Sciences, Ibn Tofail University, Morocco  
Presentation Title: Evaluation of the corrosion inhibition performance of the phosphate derivative K<sub>2</sub>SrP<sub>2</sub>O<sub>7</sub> on carbon steel in 1M hydrochloric acid solution

15:10-15:40

Dr. Safwan Ashour, University of Gaziantep, Turkey  
Presentation Title: New HPLC method for determination of fluvastatin in pure and pharmaceutical dosage forms using simvastatin as internal standard

15:40-16:10

Dr. Asmaa Abdella, University of Sadat City (USC), Egypt

Presentation Title: Pharmacological Activities and Characterization of Phenolic and Flavonoid Compounds in Methanolic Extract of *Euphorbia cuneata* Vahl Aerial Parts

16:10-16:40

Dr. Sergey Suchkov, A.I. Evdokimov Moscow State University of Medicine & Dentistry (MGMSU), Russia

Presentation Title: Personalized and Precision Medicine (PPM) as a Unique Healthcare Model to Be Set Up through Biodesign, Unique Translational Applications and Upgraded Business Marketing to Secure the Human Healthcare, Wellness and Biosafety

17:05-17:30

Dr. Aphrodis Hagabimana, University of Rwanda, Rwanda

Presentation Title: Baseline knowledge and attitudes on COVID19 among hotels' staff: A crosssectional study in Kigali, Rwanda

End of Session\_Day 01

Day 02 | July 05, 2025 | 10:00 AM, London, UK Time

Opening Ceremony

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10:00-10:10 AM

Keynote Speaker Session

10:10-10:40

Dr. Eunjoo Koh, Kyung Hee University, South Korea

Presentation Title: Preparation of a pH and humidity response ligand brush nanocapsules for robust self-controlled antimicrobial activity with low cytotoxicity

10:40-11:10

Dr. Eman M. Abdelsayed, University of Hertfordshire Hosted by Global Academic Foundation, Egypt

Presentation Title: Niazimicin: A thiocarbamate glycoside from *Moringa oleifera* Lam. seeds with a novel neuroprotective activity

Plenary Speaker Session

Scientific Sessions

Track 01: Chemistry

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Track 09: Future Scope of Chemistry

Sessions Chairperson

Dr. Eunjoo Koh, Kyung Hee University, South Korea

Dr. Eman M. Abdelsayed, University of Hertfordshire Hosted by Global Academic Foundation, Egypt

11:10-11:40

Dr. Nondumiso Mahhumane, Tshwane University of Technology, South Africa

Presentation Title: Enhanced Visible Light-Driven Photoelectrocatalytic Degradation of Paracetamol at a Ternary z-Scheme Heterojunction of Bi<sub>2</sub>WO<sub>6</sub> with Carbon Nanoparticles and TiO<sub>2</sub> Nanotube Arrays Electrode

11:40-12:10

Dr. Frederick William Akuffo Owusu, Kwame Nkrumah University of Science and Technology, Ghana

Presentation Title: Pharmaceutical assessment of Melia azedarach gum as a binder and disintegrant in Immediate release tablets

12:10-12:40

Dr. Olakunle Afolabi, Ekiti State University, Nigeria

Presentation Title: Effect of biosynthesized magnesium hydroxide nanomaterials using Monodora myristica on disrupted glucose metabolism in streptozotocin induced diabetic rat

12:40-13:10

Dr. Omid Akbarzadeh Pivezhani, University of Malaya, Malaysia

Presentation Title: Effect of Temperature, Syngas Space Velocity and Catalyst Stability of Co-Mn/CNT Bimetallic Catalyst on Fischer Tropsch Synthesis Performance

13:10-13:40

Dr. Mohammadbagher Rezaee, Research Institute of Forest and Rangeland, Iran

Presentation Title: Iranian Aromatic plants components and their Distillation and Toxicity effects

End of Session\_Day 02

Awards & Closing Ceremony

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