



# International Virtual Conference on Chemistry and Pharmaceutical Chemistry December 13-14, 2025

## SCIENTIFIC PROGRAM

Time Zone: GMT+0, London, UK

Day 01 | December 13, 2024

Opening Ceremony

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10:00-10:10 AM

### Keynote Speaker Session

Presentation Time: 10:10-10:40

Dr. Sumaira Omer, Xian Jiatong University, China

Presentation Title: Management of drug shortages in COVID-19 pandemic

10:40-11:10

Dr. Brian S. J. Blagg, The University of Kansas, USA

Presentation Title: Hsp90 Inhibitors that Exhibit Unique Activities against Cancer, Glaucoma, and Neurodegenerative Diseases

11:10-11:40

Dr. Paras Nath Yadav, Tribhuvan University, Nepal

Presentation Title: Influence of N(4)-heterocyclic ring substitution in the anticancer potency of 5-methoxyisatin thiosemicarbazones in A431, MCF-7 and PC3 cells

11:40-12:10

Dr. Yue Chang, Guizhou Medical University, China

Presentation Title: Changing antibiotic prescribing practices in outpatient primary care settings in China: Study protocol for a health information system-based cluster randomised crossover controlled trial

12:10-12:40

Dr. Liana R. Zagitova, Bashkir State University, Russia

Presentation Title: Enantioselective voltammetric sensors based on 1D-, 2D- and 3D-materials for the recognition and determination of drugs

### 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. Rupa Sachin Pawar, Shri Jagdishprasad Jhabarmal Tibrewala University, India  
Presentation Title: Review of synthesis and biological activities of hydrazone derivatives

**13:10-13:40**

Dr. Sunday Okafor, University of Nigeria, Nigeria  
Presentation Title: Synthesis, Biological and In Silico Studies of a Tripodal Schiff Base Derived from 2,4,6-Triamino-1,3,5-triazine and Its Trinuclear Dy(III), Er(III), and Gd(III) Salen Capped Complexes

**13:40-14:10**

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

**14:10-14:40**

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

**14:40-15:10**

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*

**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 Bodesign, 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 | December 14, 2024 | 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

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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 Pivezhzani, 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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