



4th International Virtual Conference on Chemistry and Pharmaceutical Chemistry May 02-03, 2026.

SCIENTIFIC PROGRAM

Time Zone: GMT+1, London, UK

Day 01 | May 02, 2026

Opening Ceremony

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09:00-09:05 AM

Keynote Speaker Session

Presentation Time: 09:05-09:30

Dr. Otgontuya Ganbaatar, Mongolian University of Life Sciences, Ulaanbaatar, Mongolia
Presentation Title: PD-L1 expression in EMM and functional effects of PD-L1 blockade

09:30-09:55

Dr. Chantelle Ahlenstiel, University of New South Wales, Australia
Presentation Title: Harnessing LNP for respiratory delivery of RNA Therapeutics

09:55-10:20

Ms. Matsilane Lethabo Mashilo, University of Limpopo, South Africa
Presentation Title: In Vitro evaluation of Polyphenolic-Rich South African Medicinal Plants for Antimycobacterial and Anti-Virulence Effects

10:20-10:45

Dr. Dineo Anna Bopape, University of Limpopo, South Africa
Presentation Title: Nanoparticle Biosynthesis Using *Commelina benghalensis*: Antimicrobial Activity, Pharmaceutical Degradation, and Photocatalytic Dye

10:45-11:10

Dr. Madani Ouhaddou, Sultan Moulay Slimane University, Morocco
Presentation Title: Synthesis, Crystal structure, DFT, Molecular docking, and In silico ADME studies of 3,4-dihydropyrimidin-2(1H)-ones (DHPMs) derivatives

11:10-11:35

Dr. Manuela de Santana Santos, Dinah Gonçalves State College, Brazil
Presentation Title: Catalytic conversion of biomass as a strategy for obtaining green fuels

11:35-12:00

Dr. Rossella Francesca Lanza, University of Salerno, Italy
Presentation Title: Structuring Role of Acheta domesticus Proteins in High-Moisture Extruded Meat Analogues

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

12:00-12:25

Dr. Zhujun Zhang, Dalian Polytechnic University, China
Presentation Title: A comparative study on the modification of different calcium salts on gel properties of grass carp (Ctenopharyngodon idella) surimi.

12:25-12:50

Dr. Barry I. Gold, U.S
Presentation Title: Drugs of Abuse Distribution.

12:50-13:15

Dr. ZENATI RANIA, Ahmed Zabana University, Algeria
Presentation Title: Advanced Materials for a Sustainable Future: Environmental Challenges, Industrial Solutions, and Life Improvement

13:15-13:40

Dr. Kaushala Prasad Mishra, Ex Bhabha Atomic Research Center and Foundation for Education and Research, India.
Presentation Title: Radiation-induced Chemical Species cause Oxidative Damage in Tumor Cells Affecting Radiotherapy.

13:40-14:05

Dr. Kawther BEN MABROUK, Desalination and Natural Water Valorization Laboratory (LaDVEN), Water Research and Technologies Center (CERTE), TUNISIA

Presentation Title: Electrodeposition of BiVO₄ Nanoparticles on TiO₂ Nanotubes: Characterization and Synergetic Photocatalytic Degradation Activity of Amido Black Dye

14:05-14:30

Dr. Sara Roudani, Sultan Moulay Slimane University, Morocco

Presentation Title: 5-Oxo-1,2-Pyrazolidinium Ylides: Versatile Precursors for Phosphonate Synthesis and Bioactive Heterocyclic Systems

14:30-14:55

Dr. OMONIYI AWE, University of Toledo, USA.

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

14:55-15:20

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

15:20-15:45

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

15:45-16:10

Dr. Olha Storchylo, Odessa National Medical University, Ukraine

Presentation Title: Comparative analysis of the capabilities of herbal medicines in the treatment of diabetes

Poster & Video Presentation

Poster & Video Presentation

Presentation Time: 16:10-16:35

Dr. Francisco J. López-Hernández, University of Salamanca, Spain

Presentation Title: Quercetin for the prevention of acute kidney injury

Presentation Time: 16:35-17:00

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 K₂SrP₂O₇ on carbon steel in 1M hydrochloric acid solution

End of Session_Day 01

Day 02 | May 03, 2026 | 09:00 AM, London, UK Time

Opening Ceremony

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09:00-09:05 AM

Keynote Speaker Session

Presentation Time: 09:05-09:30

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

09:30-09:55

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

09:55-10:20

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 Bi₂WO₆ with Carbon Nanoparticles and TiO₂ Nanotube Arrays Electrode

10:20-10:45

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

10:45-11:10

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

11:10-11:35

Dr. Omid Akbarzadeh Pivehzhani, 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

11:35-12:00

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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