



# 3rd International Virtual Conference on Chemistry and Pharmaceutical Chemistry December 12-13, 2025

## SCIENTIFIC PROGRAM

Time Zone: GMT+0, London, UK

December 12, 2025

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10:00 AM

Opening Ceremony

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10:00-10:10 AM

Keynote Speaker Session

Presentation Time:

10:10-10:35

Dr. Ravi Maharjan, Yonsei University, South Korea

Presentation Title: Cocrystallization as a Strategy for Ezetimibe Enhancement: Organic Acids and Stoichiometric Tuning

10:35-11:00

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.

11:00-11:25

Dr. Barry I. Gold, University of Pittsburgh, U.S

Presentation Title: Drugs of Abuse Distribution

11:25-11:50

Dr. ZENATI RANIA, Ahmed Zabana University, Algeria

Presentation Title: Advanced Materials for a Sustainable Future: Environmental Challenges, Industrial Solutions, and Life Improvement

11:50-12:15

Dr. Frederick H. Silver, the State University of New Jersey, USA

Presentation Title: Use of Optical Coherence Tomography and AI to Noninvasively Classify Skin Cancers in 2 Minutes

12:15-12:40

Dr. Khadeeja Khan, trainee doctor with expertise in Oncology, UK

Presentation Title: Role of ROS and Antioxidant Biomarkers after Chemotherapy in Pancreatic Carcinoma and Its Comparison with Pharmacotherapy

12:40-13:05

Dr. Hafsa Waseela Abbas, Independent Cancer Researcher, UK

Presentation Title: Seven year trends in the socio-demographic factors that influences brain cancer incidence among adults across England in the UK, 2013-2020

13:05-13:30

Dr. Andreas Alexandros Panou, School of Agricultural Sciences, University of Patras, Greece

Presentation Title: Olive Leaf Extracts as a Medicinal Beverage: Origin, Physico-Chemical Properties, and Bio-Functionality

13:30-13:55

Dr. Chao Quan, Department of Surgery, University of Michigan Medical School, USA

Presentation Title: Humanized Monoclonal Antibody Against Citrullinated Histone H3 Attenuates Sepsis-Induced Acute Lung Injury

13:55-14:20

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

## 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

14:20-14:45

Dr. Basima Ahmed Abed AL-Hadi Saleem, Mosul University, Mosul, Iraq

Presentation Title: Advanced electrochemical detection of daunorubicin in pharmaceutical and plasma matrices using an electrochemical polymerization.

14:45-15:10

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

Presentation Title: Electrodeposition of BiVO<sub>4</sub> Nanoparticles on TiO<sub>2</sub> Nanotubes: Characterization and Synergetic Photocatalytic Degradation Activity of Amido Black Dye

15:10-15:35

Dr. 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

15:35-16:00

Dr. OMONIYI AWE, University of Toledo, USA.

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

16:00-16:25

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

16:25-16:50

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

16:50-17:15

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

17:15-17:40

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 (17:40-18:30)

V001

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

V001

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

P001

Dr . Aphrodis Hagabimana, University of Rwanda, Rwanda

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

P001

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

Presentation Title: Quercetin for the prevention of acute kidney injury

End of Session

Awards & Closing Ceremony

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