

# Chemistry Virtual Conference 2024



## SCIENTIFIC PROGRAM

8th International Virtual Conference on  
Chemistry & Pharmaceutical Chemistry

December 13-14, 2024

Virtual Conference (Online Meeting)

**Delight Scientific Conferences**

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

# SCIENTIFIC PROGRAM

Chemistry Virtual Conference 2024 | December 13-14, 2024

Timing: 10:00 AM

Time Zone: GMT+0, London, UK

December 13, 2024

Opening Ceremony:

10:00-10:05 AM

## Keynote Speaker Session

Presentation Time:

10:05-10:30

**Dr. Anastasios Vasileiadis**, Democritus University of Thrace, Alexandroupolis, Greece

**Presentation Title:** A Novel Dhillonvirus Phage Against Escherichia coli Bearing a Unique Gene of Intergeneric Origin and its potential as a therapeutic tool.

10:30-10:55

**Dr. Igors Sokolovs**, Latvian Institute of Organic Synthesis, Latvia

**Presentation Title:** Electrochemical Generation and Applications of Hypervalent Bromine(III) Compounds

## 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. Anastasios Vasileiadis**, Democritus University of Thrace, Alexandroupolis, Greece..

**Dr. Igors Sokolovs**, Latvian Institute of Organic Synthesis, Latvia.

10:55-11:20

**Dr. Roxana Elena Ciorteanu**, Faculty of Chemistry, "Al. I. Cuza" University of Iasi, Romania

**Presentation Title:** Exploring new fused heterocycles for anticancer applications

11:20-11:45

**Dr. Riya Ayisha Koya**, Carmel High School, USA

**Presentation Title:** Metformin Analog: Reducing Gastrointestinal Side Effects of Metformin.

11:45-12:10

**Dr. Daniel Ayomikun Ayejoto**, Texas Christian University, United States

**Presentation Title:** Emerging Approaches in Mitigating Pharmaceutical Contaminants in Water Systems

12:10-12:35

**Dr. Ahmed Batah**, University Ibn Zohr, Morocco.

**Presentation Title:** Environmentally benign grape seed oil for corrosion inhibition of carbon steel (C38) in HCl solution

12:35-13:00

**Dr. Natália M. de Oliveira**, University of Porto, 4050-313 Porto, Portugal  
**Presentation Title:** Therapeutic Potential of Olive Leaf Extracts: A Comprehensive Review

13:00-13:25

**Dr. Rasha Abdel Tawab**, Kuwait Cancer Control Centre, Kuwait  
**Presentation Title:** The Landscape of Cutaneous T-Cell Lymphoma (CTCL) in the Middle East and North Africa (MENA) and the Establishment of the MENA CTCL Working Group

13:25-13:50

**Dr. Iwona Golonka**, Wroclaw Medical University, Borowska Poland  
**Presentation Title:** The Influence of the Amphiphilic Properties of Peptides on the Phosphatidylinositol Monolayer in the Presence of Ascorbic Acid

13:50-14:15

**Dr. Rana Saad**, Beni-Suef University, Egypt  
**Presentation Title:** SILAR-Deposited CuO Nanostructured Films Doped with Zinc and Sodium for Improved CO<sub>2</sub> Gas Detection

14:15-14:40

**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

14:40-15:05

**Dr. Yaseen Laghari**, College of Marine Science and Engineering, Nanjing Normal University, China  
**Presentation Title:** Groundwater Depletion and Degradation in the North China Plain: Challenges and Mitigation Options

15:05-15:30

**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 (15:30-16:00)**

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

**End Of Session**

**Awards & Closing Ceremony**

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