



Scientific Program

8th International Virtual Conference on Chemistry & Pharmaceutical Chemistry

February 05-06, 2026

Chemistry 2026 (Zoom Meeting)

Time Zone: GMT+0 (London, UK)

February 05, 2026

10:00 AM

10:00-10:05

Opening Ceremony

Keynote Session

10:05-10:30

Title: Integrated Molecular and Functional Analysis of Hop Ethanolic Extract in Caco-2 Cells: Insights into Inflammation, Barrier Function, and Transport

Ruben Emmanuel Verhelst, Medical University of Warsaw, Poland

10:30-10:55

Title: Quantification and monitoring of nicotine by molecular fluorescence in water contaminated with cigarette butts

Maria Carolina Talio, Avenida Ejército de los Andes, Argentina

10:55-11:20

Title: A synergistic investigation on halogen driven piperidine derivatives as calcium inhibitors: From crystal packing to docking analysis

R.Vishnu Priya, The Madura College, India

11:20-11:45

Title: Mesoporous silica-supported new metallosalen complexes: Effective photochromic catalysts for styrene epoxidation

Salimah Alshehri, King Khalid University, Saudi Arabia

Plenary Speaker Session

Sessions

Chemistry | Pharmaceutical Chemistry | Nanomedicine and Nanotechnology | Advanced Organic & Inorganic Chemistry | Chemical Engineering | Drug / Pharmaceutical Formulation | Future Scope of Chemistry | Biopharmaceutical and Biologic Drugs | Natural Product Chemistry | Biochemistry

Session Chairperson

Feng Lin, Peking University, Beijing, China

Ekaterina Vladimirovna Silina, I.M. Sechenov First Moscow State Medical University, Russia

11:45-12:10

Title: Quality By Design In Analytical Method Development And Validation

Kokilambigai K S, SRM Institute of Science and Technology, Tamilnadu, India

12:10-12:35

Title: Environmentally sustainable reverse phase-high performance liquid chromatography method for the simultaneous estimation of sodium benzoate and potassium sorbate in food matrices utilizing green ultrasound assisted extraction: an analytical quality by design approach with greenness, blueness, and whiteness assessment

	Kavitha Jayaseelan, SRM Institute of Science and Technology, India
12:35-13:00	Title: CFD-Derived Acoustic Power-Based Zonal Classification of Top-Wall Probes in Hydrogen Gas Turbine Combustors Using Optimized ANN Models
	Agonga Oyinbonogha Fred, Universiti Teknologi Malaysia, Malaysia
13:00-13:25	Title: Impact of particle size on functional, physicochemical properties and antioxidant activity of cladode powder (<i>Opuntia ficus-indica</i>)
	Mostafa Mahrouz, , Cadi Ayyad University, Morocco
13:25-13:50	Title: Phytochemical study, biological activity of extracts from <i>Manilkara mabokeensis</i> from the Central African Republic, and structure-activity relationship of pure compounds
	Worowounga Xavier, University of Bangui, Central African Republic
13:50-14:15	Title: Nanomaterial synthesis to remove organic and inorganic pollutants from aqueous solutions
	Djellouli Amir, Center for Scientific and Technical Research, Algeria
14:15-14:40	Title: EB Radiation Processing of HDPE/Rice Husk Ash Composites
	Maria Elizabeth Maués dos Santos, Institute of Energy and Nuclear Research, Brazil
14:40-15:05	Title: Safety of Traditional Medicine with special reference to Herbal Medicine
	Mohammad Kamil, Director General LotusHolic Institute, Abu Dhabi
15:05-15:30	Title: Solvent-Tunable Dielectric Properties of Metal-Organic Frameworks for Electronic Applications
	Balendra, Department of Chemistry Bhaskaracharya College of Applied Science, India
15:30-15:55	Title: Environmental Enteropathy and Anaemia status among under-five children, in slum areas of Jimma town, Ethiopia
	Rediet Regassa, Jimma University, Jimma, Ethiopia
15:55-16:20	Title: Phytochemical Profiling and Pharmacological Potential of Selected Zingiberaceae Species Collected from the Uttarakhand Himalayan Region
	Ravendra Kumar, Pant University of Ag, India
16:20-16:45	Title: Production Technology of Blue Hydrogen with Low CO ₂ Emissions
	Waleed Elhefnawy, Process Department Manger, Saudi Arabia
16:45-17:10	Title: Chemical Technology Development in Carbohydrate/Organic Synthesis for Molecular Construction and Pharmaceutical Applications
	Kunj Bihari Mishra, Indira Gandhi National Tribal University, India
17:10-17:35	Title: Dynamic spin-state reprogramming in Mn-doped in Co site of LaCoO ₃ for sustainable photocatalytic water treatment
	T. Sasikala, Hindusthan College of Arts, India
17:35-18:00	Title: ZnO/g-C ₃ N ₄ nanophotocatalyst produced from MOF for effective organic pollutant degradation
	Muhammad Asim Khan, Linyi University, China
18:00-18:25	Title: Development of Aerosolized Formulation for latent or as an adjunct therapy for Multi Drug Resistance TB

	Vinay Saini, IIT Bombay, India
18:25-18:50	Title: The Role of Peptides in Combatting HIV Infection: Applications and Insights
	Naiera Mohamed Helmy, National Research Centre, Egypt
18:50-19:15	Title: Flow injection chemiluminescence determination of copper oxychloride (Fungicide) in freshwater and Fruits samples employing 1, 10-phenanthroline - H2O2 reaction system
	Khair un Nisa, University of Balochistan, Pakistan
19:15-19:40	Title: Action mechanisms of exosomes derived from GD3/GD2-positive glioma cells in the regulation of phenotypes and intracellular signaling: Roles of integrins
	Mohammad Abul Hasnat, Shahjalal University of Science and Technology, Bangladesh
19:40-20:05	Title: Exploring the potential of Chitosan-based nanoparticles as novel carrier for oral delivery of protein and peptide drugs
	Ranu Biswas, Jadavpur University, India
20:05-20:30	Title: Improving the Mechanical, Corrosion Resistance, Microstructural and Environmental Performance of Recycled Aggregate Concrete Using Ceramic Waste Powder as an Alternative to Cement
	Ansam Ali Hashim, Al-Furat Al-Awsat Technical University, Iraq
End of Session	
Closing & Award Ceremony	
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