



Scientific Program

4th International Conference on Chemistry & Pharmaceutical Chemistry

May 18-19, 2024

Chemistry 2024 (Zoom Meeting)

Time Zone: GMT+1 (London, UK)

May 18, 2024

09:30 AM

09:30-09:35

Opening Ceremony

Keynote Session

09:35-10:00

Title: Design and characterization of a new formulation for the de-livery of COVID-19-mRNA vaccine to the nasal mucosa

Ayça Altay Benetti, National University of Singapore, Singapore

10:00-10:25

Title: Advances in L-Dopa Conjugates: Novel Pharmacological Approaches for Parkinson's Disease Management

Ivana Cacciatore, "G. d'Annunzio" University of Chieti-Pescara, Italy

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

Ayça Altay Benetti, National University of Singapore, Singapore

Ivana Cacciatore, "G. d'Annunzio" University of Chieti-Pescara, Italy

10:25-10:50

Title: Maresin 1 regulates microglial polarization and protects the blood-brain barrier via PPAR γ to alleviate brain ischemia-reperfusion injury

Wenjing Xian, Chongqing Medical University, China

10:50-11:15

Title: New pharmaceutical co-amorphous solid dispersions of antihypertensive angiotensin II receptor blockers (ARBs) with nutraceutical co-former

Marika Turek, Jan Długosz University, Poland

11:15-11:40

Title: Modification of Sinusoidal Voltage Signals: An Effective Method for Controlling Vibration Supply Devices

Žydrūnas Kavaliauskas, Kaunas Kolegija Higher Education Institution, Lithuania

11:40-12:05

Title: Role of exosomes in human amylin secretion: link between diabetes and Alzheimer's disease and the protective effects of resveratrol

Angela Cristina Lockwood López, Complutense University of Madrid, Spain

12:05-12:30

Title: A mouse model overexpressing human amylin in pancreatic β cells facilitates the appearance of amylin aggregates in the kidney contributing to diabetic nephropathy

	Sarai Iglesias Fortes, Complutense University of Madrid, Spain
12:30-12:55	Title: Applicability of Titanium-Based Catalysts in the Photocatalytic Degradation of 2,3,7,8-Tetrachlorodibenzofuran
	Rasha Darra, American University of Sharjah, UAE
12:55-13:20	Title: A Knowledge-Enhanced Hierarchical Reinforcement Learning-Based Dialogue System for Automatic Disease Diagnosis
	Raghupatruni Bhimarao, CSIR –Institute of Minerals and Materials Technology, India
13:20-13:45	Title: Melamine Cyanurate Microrods Decorated with SnO₂ Quantum Dots for Photoelectrochemical Applications
	Moorthy Dhanasekar, SRM Institute of Science and Technology, India
13:45-13:55	Refreshment Break
13:55-14:20	Title: Exploring Known Pharmacophores and Naturally Occurring Bioactive Molecules in the Design of Hybrid-based Drug Molecules
	Blessing Atim Aderibigbe, University of Fort Hare, South Africa
14:20-14:45	Title: Assessment of Effluent Wastewater Quality and the Application of an Integrated Wastewater Resource Recovery Model: The Burgersfort Wastewater Resource Recovery Case Study
	Gladys Belle, University of the Free State, South Africa
14:45-15:10	Title: Detailed mass transfer studies of a ternary system in the presence of unidirectional ejections coupled with unconfined density convection in both phases
	Sauradeep Bhattacharjee, Indian Institute of Technology, India
15:10-15:35	Title: Recent Research, Technology and Applications in Chemistry & Pharmaceutical Chemistry
	R. Gladis Latha, M. S. University, India
15:35-16:00	Title: Porous Carbon Template Decorated with MOF-Driven Bimetallic Phosphide: A Suitable Heterostructure for the Production of Uninterrupted Green Hydrogen via Renewable Energy Storage Device
	Kaushik Ghosh, Institute of Nano Science & Technology, India
16:00-16:25	Title: Bio-condensate of Mucin: Role of Molecular and Environmental Determinants and AA7075 Al Alloys
	Surajit Rakshit, Banaras Hindu University, India
16:25-16:50	Title: Modeling and Experimental Investigation of the Impact of the Hemispherical Tool on Heat Generation and Tensile Properties of Dissimilar Friction Stir Welded AA5083 and AA7075 Al Alloys
	Ramy Ibrahim Eldersy, El-Dabaa Nuclear School, Egypt
16:50-17:15	Title: Biological activities of two varieties of Citrus
	Hayet Edziri, University of Monastir, Tunisia
17:15-17:40	Title: Financing Health care: How to Bridge the Gap in Human Resources for Health
	Abdeen Mustafa Omer, Ministry of Health, Sudan
17:40-18:05	Title: Environmental Enteropathy and Its Association with Water Sanitation and Hygiene in Slum Areas of JimmaTown Ethiopia
	Rediet Regassa, Jimma University, Ethiopia

End of Session

Closing & Award Ceremony

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