



# Scientific Program

## 5th International Virtual Conference on Chemistry & Pharmaceutical Chemistry

October 12-13, 2024

Chemistry 2024 (Zoom Meeting)

Time Zone: GMT+1 (London, UK)

12-Oct-24

10:00-10:05

Opening Ceremony

Keynote Session

10:05-10:30

Title: Evaluating the Antineoplastic Effects of New 4'-Functionalized Platinum(II)-Terpyridine Derivatives

Roberta Panebianco, University of Catania, Italy

10:30-10:55

Title: Extracellular Vesicles Derived from Opuntia ficus-indica Fruit (OFIEVs) Speed up the Normal Wound Healing Processes by Modulating Cellular Responses

Anna Valentino, Research Institute on Terrestrial Ecosystems (IRET), CNR, 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

Roberta Panebianco, University of Catania, Italy

Anna Valentino, Research Institute on Terrestrial Ecosystems (IRET), CNR, Italy

10:55-11:20

Title: Transformative potential of advanced drug delivery systems in the nutraceutical field: the integration of hydroxytyrosol within chitosan nanoparticles

Raffaele Conte, Research Institute on Terrestrial Ecosystems (IRET), CNR, Italy

11:20-11:45

Title: In-situ Thermoresponsive Hydrogel Containing Resveratrol-Loaded Nanoparticles as a Localized Drug Delivery Platform for Dry Eye Disease

Anna Calarco, Research Institute on Terrestrial Ecosystems (IRET), CNR, Italy

11:45-12:10

Title: Pyridazinones as Selective MAO-B Inhibitors

Zeynep Özdemir, Inonu University, Türkiye

12:10-12:35

Title: Formulation for manufacturing a combination drugs with analgesic/antipyretic properties and analgesic drug with Abuse deterrent properties

Praneeth Rao Kakullamarri, Hikma Pharmaceuticals Inc, USA

12:35-13:00

Title: Factors associated with stunting among under-five children in slum areas of Jimma Town in Ethiopia

	<b>Rediet Regassa, Jimma University, Ethiopia</b>
<b>13:00-13:25</b>	<b>Title: Endemic Radiation of African Moonfish, <i>Selene dorsalis</i> (Gill 1863), in the Eastern Atlantic: Mitogenomic Characterization and Phylogenetic Implications of Carangids (Teleostei: Carangiformes)</b>
	<b>Emmanuel Ofosu Mireku Ewusi, Pukyong National University, Republic of Korea</b>
<b>13:25-13:50</b>	<b>Title: Identification, Isolation, Characterization and Toxicology study of a Degradation impurity in stability samples of Solubilized Ibuprofen Soft gelatin capsules</b>
	<b>Gowri Sankararao Burle, Lincoln University College, Malaysia</b>
<b>13:50-14:15</b>	<b>Title: Development and Validation of a Stability Indicating RP-HPLC Method for Simultaneous Estimation of Metformin, Teneligptin, and Pioglitazone in bulk and its Pharmaceutical Dosage Form</b>
	<b>Kumaraswamy Gandla, Chaitanya University, India</b>
<b>14:15-14:40</b>	<b>Title: Development And Validation Of An Lc-MS-MS Method For Cabozantinib In Human Plasma Using Naproxen As An Internal Standard Using Quality By Design (Qbd)</b>
	<b>Mohana Vamsi Nuli, Raghavendra Institute of Pharmaceutical Education and Research (RIPER), India</b>
<b>14:40-15:05</b>	<b>Title: Aggregation Method Development By Size- Exclusion Chromatography With Green Chemistry Principles And Evaluation To Compare The Differences Between Two Peptide Molecules At Closer Molecular Weight And Formulation Ph</b>
	<b>Pavan Kumar Jaini, Raffles University, India</b>
<b>15:05-15:15</b>	<b>Refreshment Break</b>
<b>15:15-15:40</b>	<b>Title: Harnessing Seawater for Green Hydrogen and Sustainable Future</b>
	<b>Muhammad Waqas Khan, RMIT University, Australia</b>
<b>15:40-16:05</b>	<b>Title: The Role of Sirtuin 6 in the Deacetylation of Histone Proteins as a Factor in the Progression of Neoplastic Disease</b>
	<b>Marzena Baran, Medical University of Lublin, Poland</b>
<b>16:05-16:30</b>	<b>Title: Antichemotactic effects of curcuminoids in patients with anxiety</b>
	<b>José Joaquín Merino, Complutense University of Madrid (UCM), Spain</b>
<b>16:30-16:55</b>	<b>Title: Free Surface Energy and Hansen Solubility Parameter Vector Field. Interface Thickness</b>
	<b>Aqeel Shaikhah Arafat Aljadiri, University of Granada, Spain</b>
<b>16:55-17:20</b>	<b>Title: Polyaniline-Based Flexible Sensor for pH Monitoring in Oxidizing Environments</b>
	<b>Liam Bignall, Linxens Holding, France</b>
<b>17:20-17:45</b>	<b>Title: From Drug Discovery to Drug Approval: A Comprehensive Review of the Pharmacogenomics Status Quo with a Special Focus on Egypt</b>
	<b>Abobaker Salem Musaibah, The American University, Egypt</b>
<b>17:45-18:10</b>	<b>Title: Engineering at the Nanoscale: A Strategy for Developing High Performance Functional Materials from Biomass</b>
	<b>Sabu Thomas, Mahatma Gandhi University, India</b>
<b>End of Session</b>	
<b>Closing &amp; Award Ceremony</b>	

**Sciencezo Planet**

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