



International Forum on
Medicinal Chemistry, Drug Discovery & Drug Delivery
 March 07-09, 2024 | Florence, Italy

Day 1: March 07, 2024

Forum Hall	
08:30 - 09:00	Registrations
09:00 - 09:10	Introduction & Opening Words
Plenary Session	
09:10 - 09:50	Title: Introducing Artificial Intelligence (AI) and Medicine: Intellimed Thomas Webster, Interseller Therapeutics, USA
09:50 - 10:30	Title: The Design and Development of Isoform-Selective Inhibitors of Hsp90 Brian Blagg, University of Notre Dame, USA
Keynote Session	
10:30 - 11:00	Title: Myeloid Cells in Cancer Metastasis and Therapeutic Resistance Dihua Yu, University of Texas, USA
11:00 - 11:15	Coffee Break
11:15 - 11:45	Title: Development of Prohibitin Ligands to Treat Cancers, Cardiac and Immunological Disorders Laurent Desaubry, University of Strasbourg, France
Speakers Session	
11:45 - 12:10	Title: Targeting the Source: Chalcones and their Therapeutic Potential against GBM Stem Cells Eduardo Veliz, University of Miami, USA
12:10 - 12:35	Title: An Update on the Effect of Carbamylated Erythropoietin in Chronic Colitis Ines Janeiro da Silva, University of Lisbon, Portugal
12:35 - 13:00	Title: Analysis of COVID-19 Vaccinations and Symptom Mapping Diagnostic Technique for Viral Diseases Chikezie, Jiangsu University, China
13:00 - 13:10	Group Photo
13:10 - 14:00	Lunch Break
14:00 - 14:25	Title: Investigating the Facilitating Effects of Herbal Compounds Enriched with Mint Farzad Gandomi, Farhangian University, Iran
14:25 - 14:50	Title: Boronic Acid Derivative-Functionalized Mesoporous Silica for Cancer Therapy Applications Simona Ionita, Politehnica University of Bucharest, Romania
14:50 - 15:15	Title: Listening to the Brain/Recovering the Brain Leighton J Reynolds, Treatment and Tools for Trauma, USA
15:15 - 15:40	Title: Catechol-Rich Poly(glyceric acid) Biopolymer: Poly-[3-(3,4-di-hyd---roxyphenyl)-glyceric acid] from Medicinal Plants of Boraginaceae family with Therapeutic Efficacy Vakhtang Barbakadze, Iovel Kutateladze University, Georgia
15:40 - 16:05	Title: The Role of Catechins as Natural Iron Chelator Raafat Abdeldayem, Mansoura University, Egypt

16:05 - 16:30	Title: Computational Drug Delivery Shila Amini, Islamic Azad University, Iran
16:30 - 16:55	Title: Improving the Aqueous Solubility of Taxol through Altering XLogP3 Arianna Zhu, Carlmont High School, USA
Speaker Slots are Available for Day 1	
End of the Forum Day 1	

Day 2: March 08, 2024	
Forum Hall	
Keynote Session	
09:00- 09:30	Title: Carbapenemase-Stable Carbapenem Antibiotics Sergei Vakulenko, University of Notre Dame, USA
09:30 - 10:00	Title: Nanodelivery-Based Targeting of Angiogenesis Constantinos Mikelis, University of Patras, Greece
Speaker Session	
10:00 - 10:25	Title: Beneficial Role of PCSK9 Inhibitors Beyond Cholesterol Lowering Maria Borrell, Sant Pau Institute for Biomedical Research (IIB-Sant Pau), Spain
10:25 - 10:50	Title: Effectiveness of COVID-19 Vaccines with Heterologous and Homologous Prime-Boost Regimens in Healthcare Workers: A Systematic Review and Network Meta-Analysis Lairun Jin, Southeast University, China
10:50-11:05	Coffee Break
11:05- 11:30	Title: Steroid Utility, Immunotherapy, and Brain Tumor Management: An Update on Conflicting Therapies Lucke Wold Brandon, University of Florida, USA
11:30 - 11:55	Title: β-Caryophyllene Induces Apoptosis and Inhibits Angiogenesis in Colorectal Cancer Models Saad Sabbar Dahham, University of Technology and Applied Sciences, Oman
11:55 - 12:20	Title: Theoretical and Spectral Study of Bioactive Ln(III) Complexes Irena Kostova, Medical University-Sofia, Bulgaria
12:20 - 12:45	Title: <i>In-vitro</i> Screening of Antimitotic Activity and Preliminary Phytochemical Investigation of Eritrean Medicinal Plants Fithi Haileab, Ministry of Health, Eritrea
12:45 - 13:45	Lunch Break
13:45 - 14:10	Title: The Definition, Diagnosis and Treatment of Fever are Against Modern Science in the World Today! Why? Yacob Mathai, Marma Health Centre, India
14:10 - 15:00	Poster Presentation
MCDDP1	Title: Inhibition of the OXA-58 carbapenemase by the C5α-methyl-substituted Carbapenem NA-1-157 Marta Toth, University of Notre Dame, USA
MCDDP2	Title: Polyphenolic Extracts from Berries. Biological Activity of Free and Embedded Extracts in Mesoporous Silica Type Supports. Ana Maria Claudia Brezoiu, National University for Science and Technology Politehnica of Bucharest, Romania

MCDDP3	Title: Molecular Dynamics Study to Explore Conformational Changes in Methionyl t-RNA Synthetase of Mycobacterium Tuberculosis
	Shivani Thakur , IIT Bhilai, India
MCDDP4	Title: Machine learning classification of high-content images: automating phenotypic drug discovery
	Fabio Spreafico , Pharmaron Inc. , United Kingdom
Speaker Slots are Available for Day 2	
End of the Forum Day 2	