



**GLOBAL
SCIENTIFIC FORUM**

Global Scientific Forum LLC

1309 Coffeen Ave STE 1200

Sheridan, WY 82801, USA

<https://www.globalscientificforum.com/>

VIRTUAL EVENT

INTERNATIONAL CONFERENCE ON CHEMISTRY

**DECEMBER 12
2022**

**Theme: Current Research and
Developments in Chemistry**

Scientific Program

CHEMISTRY 2022

DAY 1

DECEMBER 12, 2022

Scientific Program

GMT-Greenwich Mean Time

10:00-10:10

Opening Ceremony | Introduction

Keynote
10:10-10:40

Title: Integration of solid-liquid fluidization with membrane filtration for wastewater treatment

Wang Jingwei, *Beijing Normal University, China*

Keynote
10:40-11:10

Title: Pincer complexes as catalysts

Janez Cerkovnik, *University of Ljubljana, SLOVENIA*

11:10-11:40

Title: Inorganic nanomaterials for biomedical applications

Melita Menelaou, *Cyprus University of Technology, Cyprus*

Refreshment Break 11:40-11:50

11:50-12:20

Title: Adsorption of Rhodamine B onto activated carbons: Kinetics and thermodynamic study

Aleksandra Bazan-Wozniak, *Adam Mickiewicz University in Poznań, Poland*

12:20-12:50

Title: Harvesting biomolecules via the EVA technique

Pier Giorgio Righetti, *Politecnico di Milano, Italy*

12:50-13:20

Title: Understanding the loading of methotrexate anticancer drug on the chitosan modified single-walled carbon nanotube by molecular dynamics simulations

Leila Tohidifar, *Institute for Advanced Studies in Basic Sciences (IASBS), Iran*

13:20-13:50

Title: Detailed GC-MS analysis of various solvent extracts of Artemisia judaica and their potential anticancer and antimicrobial activities

Merajuddin Khan, *King Saud University, Saudi Arabia*

Lunch Break 13:50-14:00

14:00-14:30

Title: 1,3-dipolar cycloaddition reaction of enones engrafted with pyrazole-indole motif with azomethine ylide: Construction of spirooxindole analogs as promising acetylcholine-esterase inhibitors

Mohammad Shahidul Islam, *King Saud University, Saudi Arabia*

14:30-15:00

Title: Method development using commercial microextraction techniques with gas chromatography-tandem mass spectrometry and chemometric strategies for the quantification of target analytes in environmental waters

Attilio Naccarato, *University of Calabria, Italy*

15:00-15:30

Title: Distal Functionalization via Transition Metal Catalysis

Haibo Ge, *Texas Tech University, USA*

15:30-16:00

Title: Biophysical Approaches for Studying Membrane Proteins

Indra D. Sahu, *Campbellsville University, Campbellsville, USA*

End of Day 1

