

Global Scientific Forum LLC

1309 Coffeen Ave STE 1200 Sheridan, WY 82801, USA https://www.globalscientificforum.com/

VIRTUAL EVENT

ANALYTICAL AND BIOANALYTICAL TECHNIQUES

SEPTEMBER 06

2023

Scientific Program

ABT 2023



BST-British Summer Time

10:00-10:10	Opening Ceremony Introduction	
10:10-10:30	Title: Metabolic regulation of alcoholic liver injury: A new field with great translational potential Haiqi GAO, QINGDAO University School of Biochemistry and Molecular Biology, China	
10:30-10:50	Title: Adaptivity of amyloid peptides to polymer enriched environments Maria Ott, Martin-Luther-University Halle-Wittenberg, Germany	
10:50-11:10	Title: Analytical and bioanalytical AI techniques: Empowering data analysis and decision-making Jana Shafi, Prince Sattam bin Abdul Aziz University, Saudi Arabia	
Refreshment Break 11:10-11:20		
11:20-11:40	Title: Low-cost potentiometric sensors based on disposable paper strips for monitoring of toxic pollutants Abdelwahab Fathy, Ain Shams University, Egypt	
11:40-12:00	Title: Application of nanotechnology to monitor agricultural parameters that promote health and nutritional crop growth in order to provide sustainable economic growth in Aatma Nirbhar Bharat Sumanta Bhattacharya, Maulana Abul Kalam Azad University of Technology, India	
12:00-12:20	Title: Effects of prolonged complete clinical remission on lupus flares, impaired kidney function and damage accrual in lupus nephritis Gabriella Moroni, Nephrology and Dialysis Division IRCCS Humanitas Research Hospital, Italy	
12:20-12:40	Title: Analysis of broccoli nutritional potential under temperature stress Ivana Sola, University of Zagreb, Croatia	

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12:40-13:00	Title: Emerging organic contaminants in nature: Stability and their uptake by soil plants Sunil Paul M. Menacherry, Czech University of Life Sciences Prague, Czech Republic	
13:00-13:20	Title: Antiproliferative and apoptosis induction potential of African potato (Hypoxis hemerocallidea) aqueous extract and cisplatin co-loaded in the Pheroid® delivery system Ambrose Okem, University of Witwatersrand, South Africa	
Lunch Break 13:20-13:40		
13:40-14:00	Title: Safety culture in Sri Lankan industrial chemical laboratories Udaya K Jayasundara, Institute of Chemistry Ceylon, Sri Lanka	
14:00-14:20	Title: Production and quality assessment of antioxidant-rich biscuit produced from pearl millet and orange peel flour blends Rebecca Olajumoke Oloniyo, Federal University of Technology, Nigeria	
14:20-14:40	Title: β-cyclodextrin modification by cross-linking polymerization as highly porous nanomatrices for olanzapine solubility improvement; synthesis, characterization and bio-compatibility evaluation Kifayat Ullah Khan, Quaid-e-Azam Educational Complex, Pakistan	
14:40-15:00	Title: Distal Functionalization via Transition Metal Catalysis Haibo Ge, Texas Tech University, USA	
15:00-15:20	Title: Use of HTS platform to identify acetylcholinesterase inhibitors via metabolic activation Menghang Xia, National Center for Advancing Translational Sciences (NCATS), USA	
15:20-15:40	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	
15:40-16:00	Title: Optimization of essential oils yield extracted from Curcuma longa residue through solid state fermentation Sylvie Nguikwie Kwanga, University of Douala, Cameroon	

Refreshment Break 16:00-16:10

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16:10-16:30	Title: Mercury prediction in groundwater of Naameh Landfill (Lebanon) using an Artificial Neural Network (ANN) model Farah Kanj, Lebanese University, Lebanon	
16:30-16:50	Title: Quantum-classical mechanics: Principles, applications and prospects Vladimir V. Egorov, FSRC Crystallography and Photonics, Russia	
16:50-17:10	Title: Spectroscopic features of NH-tautomers of the free base corroles Yousef H. Ajeeb, Modern University for Business and Science, Lebanon	
17:10-17:30	Title: Locus of chemical reactions domains in the freely falling drop impact flow Yuli D. Chashechkin, Ishlinsky Institute for Problems in Mechanics RAS, Russia	
17:30-17:50	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	
17:50-18:10	Title: Protective efect of methyl gallate on murine antigen-induced arthritis by inhibiting infammatory process and bone erosion Paulo Vinicius Gil Alabarse, 1University of California, USA	
18:10-18:30	Title: Chemical modification and Liposomal entrapment of Relaxin2 for prolongation of its stability and biological activity Spyridon Mourtas, University of Patras, Greece	
Closing Remarks		

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2nd Global Summit on

Analytical and Bioanalytical Techniques

March 19-20, 2024 | Barcelona, Spain