



**WORLD CONGRESS ON NURSING AND
HOSPITAL CARE**

March 25,26, 2023, UAE

Final Program

Scientific Program

Day 1 (March 25, 2024)

08:00- 09:00

Registrations

09:00- 09:30

Opening Ceremony

Keynote/Plenary Forum

09:30- 09:35

Introduction

09:35- 10:05

Charles Pavia

College of Osteopathic Medicine, Northern Blvd., P.O. Box 8000, Old Westbury, NY, 11568, United States

10:05- 10:35

Christopher S. Ogilvy

Interstellar Therapeutics and Hebei University of Technology, USA

10:35- 11:05

S. González-Rojo

Biofuels and Bioproducts Center. Agricultural Technological Institute of Castilla y León (ITACyL), León, Spain.

11:05- 11:20

COFFEE/REFRESHMENTS BREAK

11:20- 11:25

GROUP PHOTO

Major Session: 1

Pharmaceutical Biotechnology, Food and Nutrition Biotechnology

Session Chair:

11:25- 11:50

Title: Current Management of unruptured Intracranial Aneurysms
Christopher S. Ogilvy, Institution Beth Israel Deaconess Medical Center, Department Neurosurgery, United States

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- 11:50- 12:25 *Title: Vaccines for Lyme Disease - Is it now or never?*
Charles Pavia, College of Osteopathic Medicine, Northern Blvd.,
P.O. Box 8000, Old Westbury, NY, 11568, United States
- 12:25- 12:50 *Title: Production of polyhydroxyalkanoates based on circular and sustainable bioeconomy: valorization of agro-industrial by-products*
S. González-Rojo, Interstellar Therapeutics and Hebei University of Technology, United States
- 12:50- 13:30 **LUNCH BREAK**
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- 13:30- 13:55 *Title: Mid-term outcomes of surgical aortic valve replacement using a mosaic porcine bioprosthesis with concomitant mitral valve repair*
Haruhiko Sugimori, Department of Cardiovascular Surgery, New Tokyo Haopital/Seikeikai, Japan
- 13:55- 14:20 *Title: Generating Synthetic Omicron Data for Sars-cov-2 mutations prediction*
Ahmad Farhad Talebi, Biotechnology Department, Faculty of New Sciences and Technologies, Semnan University, Iran
- 14:20- 14:45 *Title: MULTIDYNAMIC ROLE OF PSEUDOMONAS EXOPOLYSACCHARIDES AND SALICYLIC ACID IN MITIGATING SALINIZATION STRESS*
Sakshi Tewari, Department of Life Sciences, J.C. Bose University of Science and Technology, YMCA, NH-2, Sector-6, Mathura Road, Faridabad, Haryana 121006, India
- 14:45- 15:10 *Title: Phenolic profile, acute and subacute oral toxicity of the aqueous extract from Moroccan Mentha longifolia L. aerial part in Swiss Albino mice model*
MERYEM TOURABI, Faculty of Sciences, Sidi Mohamed Ben Abdellah University, Fez, Morocco.

15:10- 15:25

COFFEE/REFRESHMENTS BREAK

Scientific Program

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Major Session: 2

Genetic Engineering and rDNA Technology, Cell and Molecular Biology

Session Chair:

- 15:25- 15:50 *Title: Accumulation of ROS and apoptotic like cell death in Anabaena fertilissima exposed to salinity (NaCl and Na₂SO₄)*
Swapnil, Prashant, School of Basic Sciences, Department of Botany, Central University of Punjab, Punjab-151401, India
- 15:50- 16:15 *Title: Deciphering the role of DDR and Autophagy cross talk in cancer cell survival*
Neeru Singh, Department of Biotechnology and Bioengineering Institute of Advanced Research Gandhinagar-382426 Koba Institutional Area, Gujarat, India
- 16:15- 16:40 *Title: Preparation of Polycaprolactone and Polymethacrylate Nanofibers for Controlled Ocular, Delivery of Ketorolac tromethamine: Pharmacokinetic study in Rabbit's Eye*
Shahla Mirzaeei, Pharmaceutical Sciences Research Center, Rahesh Daru Novine, Kermanshah 6715847141, Iran
- 16:40- 17:05 *Title: Patient-centered and integrated outreach care for chronic hepatitis C patients with serious mental illness in Taiwan (Virtual)*
Tso-Jen Wang, Taoyuan General hospital, Ministry of Health and Welfare, Taiwan, ROC
- 17:05- 17:30 *Title: Evaluation of pharmaceutical care services in the Middle East Countries: a review of studies of 2013–2020 (Virtual)*
Hebah Mohammed Abdullah Sallom, Near East University, Faculty of Pharmacy, Department of Clinical Pharmacy, Cyprus
- 17:30- 17:55 *Title: Chemical composition and antibacterial activity of essential oil of Pelargonium graveolens and its fractions*
Amechrouq Ali, Department of chemistry, Moulay Ismail University, Faculty of Sciences, Meknes, Morocco
- 17:55- 18:20 *Title: Critical Factors for the Success of Auricular, Orbital, and Nasal Prosthetic Reconstruction*
Michelle Ruse, Head and Neck Specialists. 9228 Medical Plaza Drive, Charleston, USA

Scientific Program

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Break-out Room

Major Session: 3&4

Healthcare Management, Biotechnology in Medical and Health Care

Session Chair:

11:25- 11:50

Title: STUDENT PERCEPTION OF ONLINE TEACHING IN UNDERGRADUATE DENTAL EDUCATION IN BANGLADESH.

Salahuddin Al Azad, Head, Medical Education & Prosthodontics Dept. Mandy Dental College, Dhaka University-Dhaka. Bangladesh.

11:50- 12:15

Title: Determinants of mortality among pediatric patients admitted to Wolaita Sodo University Comprehensive Specialized Hospital with acute bacterial meningitis, Southern Ethiopia: An unmatched case-control study

Ushula Deboch, School of Medicine, College of Health Science and Medicine, Wolaita Sodo University, Wolaita Sodo, Ethiopia

12:15- 12:40

Title: Hybrid fruits for human health (Virtual)

MARTA ANGELA DE ALMEIDA SOUSA CRUZ, Nutrition Biochemistry Core, Laboratory of Functional Foods, Federal University of State of Rio de Janeiro, Rio de Janeiro, Brazil

12:40- 13:05

Title: Protein breakdown increases during prolonged duration of exercise stress

Wondyefraw Mekonen, Addis Ababa Uni., Tikur-Anbessa Medical School, Physiology Dept., Ethiopia

13:05- 13:45

LUNCH BREAK

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- 13:45- 14:10 *Title: Immune profiling and tracking of two-dimensional transition metal dichalcogenides in cells and tissues (Virtual)*
Lucia Gemma Delogu, Department of Biomedical Science, University of Padua, Padua, Italy
- 14:10- 14:35 *Title: A desktop review of evaluation of implementation of national medicines policies in SADC countries*
William K. Modiba, Department of Pharmaceutical Sciences, Faculty of Science, Tshwane University of Technology, Private Bag X680, Pretoria, 0001, South Africa
- 14:35- 15:00 *Title: Impact of Xenon on Postoperative Outcomes in Cardiac Surgery: A Systematic Review and Meta-Analysis of Delirium Incidence and Associated Clinical Parameters*
Ameer Fadhel Abbas, Al-Qadisiyah University , College of medicine
- 15:00- 15:25 *Title: Effect of m-Trifluoromethyl-Attachment on the Glutathione Peroxidase Mimicry and Antioxidant Actions of Diphenyl Diselenide: Essential Thiols of Electrogenic Sodium Pump as a Mechanistic Component*
Ebenezer Morayo Ale, Department of Biochemistry, Federal University Wukari, Nigeria)
- 15:25- 15:50 *Title: Diagnostic value of enhanced-contrast ultrasound for cesarean scar pregnancy: A systematic review*
Reza Shah Hosseini, Istanbul Medipol University, Faculty of Medicine, Medical Student, Istanbul, Turkey
- 15:50- 16:15 *Title: Advances in gRNA designing strategies used for CRISPR/Cas9 gene editing in plant species*
Mohamed Farah Abdulla, Ondokuz Mayis University, Turkey

16:15- 16:25

Coffee Refreshments Break

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- 16:25- 16:50 *Title: Dynamic Force Spectroscopy in silico: exploring strength, deformability, toughness and mechanical fatigue of biological nanomaterials*
Barsegov Valeri, University of Massachusetts, Lowell, Massachusetts, United States
- 16:50- 17:15 *Title: Integration of systems biology with machine learning for deciphering the stress responsive genes in cotton*
Bahman Panahi, Food Biotechnology, Agricultural Biotechnology Research Institute of Iran, Iran
- 17:15- 17:40 *Title: self-supply groundwater in five communities: Moshie Zongo, Aboabo, Kotei, Ayeduase and Apemso in Kumasi Metropolis, Ghana.*
Noel Bakobie, University for Development Studies, Ghana
- 17:40- 18:05 *Title: Gene cloning, auto-induction, and characterization of a novel hyperstable S9 prolyl oligopeptidase protein having lipase activity from Thermotoga naphthophila RKU-10 T with applications in animal fat biodegradation and detergent industry*
Ikram ul Haq, Professor Emeritus and Distinguished National Professor, Institute of Industrial Biotechnology, GC University, Lahore-54000, Pakistan

END OF DAY ONE

Scientific Program

Day 2 (March 26, 2024)

08:30- 09:00 **Registrations**

Keynote/Plenary Forum

09:00- 09:30 **Slot Available**

09:30- 10:00 **Slot Available**

10:00- 10:30 **Slot Available**

10:30- 10:45 **Coffee Refreshments Break**

10:45- 13:00 **POSTER SESSION**

P-01 *Title: Recent five-year progress in the impact of gut microbiota on vaccination and possible mechanisms*

Huang Biqing, Peking Union Medical College, China

P-02 *Title: Single-Molecule Fluorescent Characterization of the Binding Kinetics of Intrinsic Terminator Hairpins and Rho Factor*

Neel Chhabra, International Baccalaureate, United States of America (USA)

P-03 *Title: Two-Stage Anaerobic Digestion for Production of Hydrogen and Methane from Corn Steep Liquor*

Elena Chorukova, Bulgarian Academy of Sciences, Acad. G. Bonchev Str., bl. 26, 1113 Sofia, Bulgaria,

P-04 *Title: Design and Assessment of a Novel In Silico Approach for Developing a Next Generation Multi-Epitope Universal Vaccine Targeting Coronaviruses*

Aslam, Irfana, COMSATS university, Islamabad

Scientific Program

Day 2 (March 26, 2024)

- P-05** *Title: Vector borne diseases surveillance in Georgia*
Ana Gulbani, LEPL State Laboratory of Agriculture, Tbilisi, Georgia
- P-06** *Title: Impact of modifiable risk factors on prediction of 10- year cardiovascular disease utilizing Framlingham risk score in southwest Iran*
Maryam Rezaei, Department of Clinical Biochemistry, Faculty of Medicine, Hyperlipidemia Research Center, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran
- P-07** *Title: The effect of melatonin on sleep quality and cognitive function of individuals undergoing hemodialysis*
Marzieh Salehi Hikooei, Critical Care Nursing, Student Research Committee, Mazandaran University of Medical Sciences, Sari, Iran.
- P-08** *Title: « SCULP » study : the benefits of skin graft pellets on the pain of sickle cell leg ulcers (SCLU)*
Priscilla Caboche-Salouhi, Dermatology, Hôpital Tenon AP-HP, Paris, France
- P-09** *Title: Journeying Apart: Exploring Informal Caregiver Experiences and Unmet Closures in Caring for COVID-19 Deceased*
Anushka Kulkarni, Department of Psychology, Fergusson College, India
- P-10** *Title: Bluetongue Targeted Biting Midges Surveillance in Georgia 2024*
Tengiz Chaligava, LEPL National Food Agency, Tbilisi, Georgia

13:00- 13:45

Lunch Break

Scientific Program

Day 2 (March 26, 2024)

Major Session: 5&6

Biochemistry and Biochemical Engineering, Bioenergy, Biofuels, Biorefinery and Biogas Technology

Session Chair

- 13:45- 14:10 *Title: Review of Processes for Improving the Bioaccessibility of Minerals by Reducing the Harmful Effect of Phytic Acid in Wheat*
Imane EL HOUSNI, Botany and Valorization of Plant Resources Team, Plant and Microbial Biotechnology, Biodiversity and Environment Research Center, Faculty of Sciences, Mohammed V University, Rabat, Morocco
- 14:10- 14:35 *Title: Sustainable Agriculture: Microbial Intervention for Improved Pollutant Removal and Semi-Liquid Organo-Mineral Fertilizer Production from Olive Mill Wastewater Sludge and Rock Phosphate*
Youness BOUHIA, Faculty of Sciences Semlalia, Cadi Ayyad University (UCA), Marrakesh 40000, Morocco
- 14:35- 15:00 *Title: Psychiatric Nursing in Canada: Understanding & Recognition (Virtual)*
Kimberley D. Ryan, Associate Professor, Brandon University, Faculty of Health Studies, Canada
- 15:00- 15:25 *Title: COMPARISON OF S. PNEUMONIAE SEROTYPES IN CASES OF INVASIVE PNEUMOCOCCAL DISEASE AND PAIRED NASOPHARYNGEAL SWABS*
Yusuf Abdulsalam,
- 15:25- 15:50 *Title: Bioremediation potential and energy recovery from organic wastes using plant microbial fuel cells*
Debajyoti Bose, School of Technology, Woxsen University, Hyderabad, Telangana, India
- 15:50- 16:15 *Title: Targeting P2Y2 Receptor for Obesity and Metabolic Diseases: New Evidence from Adipocytes*
Jianzhong Shen, Department of Drug Discovery and Development, Harrison College of Pharmacy, Auburn University, Auburn, AL 36849, USA.

16:15- 16:25

Coffee/Refreshments Break

Scientific Program

Day 2 (March 26, 2024)

- 16:25- 16:50 *Title: Development of a retinal-like cell model of cone dystrophy associated with mutation in the KCNV2 gene*
Almaqdad Alsalloum, Life Sciences Research Center, Moscow Institute of Physics and Technology, National Research University, Dolgoprudny, Russia
- 16:50- 17:15 *Title: Anti-enzymatic and DNA docking studies of montelukast: A multifaceted molecular scaffold with in vitro investigations, molecular expression analysis and molecular dynamics simulations*
Shawana Abdullah, PhD Scholar at Islamia University of Bahawalpur, Pakistan
- 17:15- 17:40 *Title: Screening for developmental delay in urban Rwandan children: a cross sectional study.*
Victoria Tuyisenge, University of Rwanda, College of Medicine and Health sciences, Kigali, Rwanda
- 17:40- 18:05 *Title: Preparedness of Iranian nurses against COVID-19: An analytical study.*
Hassan Khaledi , Department of health in disasters and emergencies, Shiraz university of medical sciences, Shiraz, Iran
- 18:05- 18:30 *Title: Preliminary validity of the BNSSS-20 in Arabic: Exploratory study on basic needs satisfaction in sport for a sample of Tunisian athletes*
Mohamed Baaziz, Higher Institute of Sport and Physical Education of Ksar-Said, University of Manouba, Tunisia.
- 18:30- 18:55 *Title: Assessing Industry 4.0 Readiness in Medical Education: A Systematic Review of E-Learning Platforms and Methods for Enhanced Performance Evaluation*
Deborah Oluwadele, Department of Informatics, University of Pretoria; 0083, Pretoria, South Africa
- 18:55- 19:20 *Title: Laos's Social Health Insurance (SHI) program's impact on older people's accessibility and financial security against catastrophic health expense.*
Somdeth Bodhisane, College of Public Health Sciences, Chulalongkorn University, Laos

Scientific Program

Day 2 (March 26, 2024)

Breakour Room 2

Major Session: 7&8

Agricultural Biotechnology, Genomics and Proteomics

Session Chair

- 13:45- 14:10 *Title: Antifungal Activity and Bioenhancer Potential of α -Phellandrene*
Riya Bhattacharya, School of Technology, Woxsen University, Hyderabad, Telangana, India.
- 14:25- 14:50 *Title: Epidemiologic features and COVID-19 associated temporal patterns of neonatal sepsis in Jimma Medical Center, Ethiopia: A Joinpoint regression analysis*
Daniel Geleta, Department of Pediatrics and Child Health, Jimma University, Jimma, Oromia, Ethiopia
- 14:50- 15:15 *Title: The Role of M6A RNA Methylation in Plant Abiotic Stress Responses*
Ramanjulu Sunkar, Department of Biochemistry and Molecular Biology, Oklahoma State University, Stillwater OK USA
- 15:15- 15:40 *Title: Unveiling the Potential of Thermophilic Bacteriophages: A Comprehensive Study on Isolation, Characterization, and Application for Targeting E. coli in Poultry”,*
Farah Khan, Punjab University, Pakistan
- 15:40- 16:05 *Title: An atypical presentation of retinal astrocytic hamartoma with co-occurring SEGA in a tuberous sclerosis patient*
Soumya Suvra Patra, Calcutta National Medical College & Hospital, Kolkata, India
- 16:05- 16:30 *Title: Predictors for CD4 cell count and Hemoglobin level with survival time to default for HIV (Virtual)*
Nurye Seid Muhie, Department statistics, Mekdela Amba University, Ethiopia
- 16:30- 16:40 **Coffee Refreshments Break**

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16:40- 17:05

*Title: In vivo study on the effectiveness of *Pediococcus acidilactici* KA136 at inhibiting *Salmonella enterica* Typhimurium*
Francky Steve Nodem, Department of Food Engineering and Quality Control, University of Ngaoundere, Cameroon

17:05- 17:30

Title: THE EFFECT OF SMS REMINDER ON IMPROVING ROUTINE CHILDHOOD IMMUNIZATION COVERAGE AND TIMELINESS: A CASE OF GURAGE ZONE, SNNPR, ETHIOPIA, 2021, A RANDOMIZED CONTROLLED TRIAL STUDY

FISHA ALEBE GEBREEYESUS, (BSc, MSc in pediatrics and child health nursing) Wolkite University, College of Medicine and Health Science, Department of Nursing, Po box 07, wolkite, Ethiopia

17:30- 17:55

Title: Determinants for hesitancy in human Papillomavirus (HPV) vaccine uptake among school girls in Jimma Town, Ethiopia. A mixed approach: quantitative and qualitative

Meron Dera, Department of Epidemiology and Biostatistics, School of Public Health, Addis Ababa University, Addis Ababa, Ethiopia.

**CLOSING
CEREMONY**