

3<sup>rd</sup> International Conference on  
**EPIDEMIOLOGY AND PUBLIC  
HEALTH**

November 04-05, 2024 | Las Vegas, USA



## 3<sup>rd</sup> International Conference on **Epidemiology and Public Health**

Day 1 - November 04, 2024

Meeting Hall: The Grand Room

08:30 - 09:15 Registrations

09:15 - 09:30 Opening Ceremony and Introduction

### Keynote Presentations

09:30 - 10:10 The Triad of Impact: Revolutionizing Rare Disease Research through Integrated Patient Engagement

**Stephanie Collins, Biolaunch Solutions, USA**

10:10 - 10:50 Long-Term Effects of Environmental Lead on Erythropoietin Production in Young Adults: A Follow-Up Study of a Prospective Cohort in Kosovo

**Pashko R Camaj, William Paterson University, USA**

Networking & Refreshments @ The Grand Room : 10:50 - 11:10

11:10 - 11:50 Migration: A Major Challenge to Health and Safety at Work

**Mark Fuellemann, Practice & Experience Ltd, Switzerland**

### Oral Presentations

Session Chair **Mark Fuellemann, Practice & Experience Ltd, Switzerland**

Session Chair **Leanne Lester, University of Western Australia, Australia**

### Sessions:

Public Health | Infectious Diseases | Epidemiology and Disease Control | Occupational Safety and Health | Environmental Health | Women Health | Rare Diseases and Orphan Drugs | Rare Pediatric Diseases | Patient Advocacy Group | Mental Health | Clinical Epidemiology

11:50 - 12:15 Women Sleeping Rough: The Health, Social and Economic Costs of Homelessness

**Leanne Lester, University of Western Australia, Australia**

12:15 - 12:40 Employment Status of Parents and Mental Health of Children

**Anasua Bhattacharya, Centers for Disease Control and Prevention/National Institute for Occupational Safety and Health, USA**

12:40 - 13:05 The Role of Physical Fitness in the Prevention of Morbidity and Premature Mortality

**Jaroslav Novák, University Hospital, Plzen/Pilsen, Czech Republic**

Group Photo: 13:05 - 13:15

Lunch: 13:15 - 14:15 @ The Grand Room

14:15 - 14:40 From Feasibility to Pivotal Trial – The Lessons Learned and Implementation of a Pivotal Trial Assessing the Safety and Probable Benefit of a Pediatric Ventricular Assist Device

**Ashley Magnavita, Carelon Research, USA**

14:40 - 15:05 Network Analysis of Multimorbidity in Middle-aged and Older Adults from the Perspective of Cluster Medicine

**Beibei Xu, Peking University Health Science Center, China**

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15:05 - 15:30 Quality Indicators in the Clinical Microbiology Laboratory: An AMR One Health Approach

**Martin R Evans, American Society for Microbiology, Washington DC**

15:30 - 15:55 Metastatic Diversity of Invasive Lobular Carcinoma

**Najmah A Alsobahi, Makkah Health Cluster, Saudi Arabia**

**Networking & Refreshments @The Grand Room : 15:55 - 16:30**

16:30 - 16:55 Evaluation of the Antibiotic Resistance of Enterobacteriaceae Producing Extended-Spectrum Beta-Lactamases and Carbapenemase Isolated in Brazzaville (Congo)

**Fils Landry MPELLE, Marien Ngouabi University, Republic of Congo**

### Poster Presentations

PP01 Analysis of Data from the Methanol Poisoning Surveillance System, Dominican Republic during the Period 2020-2023. Dominican Republic

**Fernando Vásquez Paez, Ministry of Public Health, Dominican Republic**

PP02 The Comparison of Safety and Efficacy between Dexibuprofen and Ibuprofen: A Bibliometric and Meta-analysis

**Beibei Xu, Peking University Health Science Center, China**

**Day-1 Concludes followed by Award Certifications**

## 3<sup>rd</sup> International Conference on **Epidemiology and Public Health**

Day 2 - November 05, 2024

Meeting Hall: The Grand Room

Keynote Presentations

10:00 - 10:40 **The Impact of Global Resurgence of Infectious Diseases in the Post-COVID Era**  
**Martin R Evans, American Society for Microbiology, Washington DC**

10:40 - 11:20 **The Associations between Alcohol Consumption and Frailty: A Systematic Review and Dose-Response Meta-Analysis**  
**Beibei Xu, Peking University Health Science Center, China**

Networking & Refreshments @ The Grand Room: 11:20 - 11:45

Oral Presentations

Session Chair **Pashko R Camaj, William Paterson University, USA**

Session Chair **Martin R Evans, American Society for Microbiology, Washington DC**

Session Co -  
Chair **Tran Hau Khang, Hanoi Medical University, Vietnam**

**Sessions:** Epidemiology and Public Health | Rare Pediatric Diseases | Drug Discovery for Rare Diseases | Emerging Technologies in Rare Diseases | Epidemiology of Aging and Gerontology and Microbiology

11:45 - 12:10 **High "Fitness Age" As A Risk Factor for Morbidity and Premature Mortality in Relation to Rare Diseases**  
**Jaroslav Novák, University Hospital, Plzen/Pilsen, Czech Republic**

12:10 - 12:35 **Impact of a Quality Program on Overindication of Surgeries for Endometriosis and Cholecystectomies**  
**Giancarlo Colombo, Hospital Israelita Albert Einstein, Brazil**

12:35 - 13:05 **AI/ML to Identify and Stratify Social Determinants of Health Contributing to Cancer Disparity in Rural Appalachia**  
**Ravi Vadapalli, Institute for Data Science and Computing, University of Miami, USA**

Lunch @The Grand Room: 13:05 - 14:00

14:00 - 14:25 **Paediatric Rare Skin Diseases in Vietnam**  
**Tran Hau Khang, Hanoi Medical University, Vietnam**

14:25 - 14:50 **Value-Added Medicines for Addressing Unmet Needs of Rare Diseases**  
**Shashi Kanth Muni, MSN Laboratories, India**

E-Poster Presentations

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IDEP01	Comorbidities and Breast Cancer Mortality in Portugal: A Retrospective Observational Study <b>Cecília M Antão, University of Lisbon, Portugal</b>
IDEP02	Rare Cases of Hematoheiosis in Both Adult and Children of Vietnam <b>Tran Hau Thach Lam, National hospital of Dermatology and Venereology, Vietnam</b>

Day-2 Concludes followed by Award Certifications and Vote of Thanks

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#### Virtual Presentations

BST: 10.00 AM

10.00 - 10.15 Introduction

#### Presentations

10.15 - 10.35	Enhancing Quality of Life in Lysosomal Storage Diseases: A Focused Study in Malaysia <b>Noor Aziah Zainal Abidin, Management and Science University, Malaysia</b>
10.35 - 10.55	Measuring Spatial Inequalities in Maternal and Child Mortalities in Pakistan <b>Farzana Sher Muhammad, University of Malaya, Malaysia</b>
10.55 - 11.15	Model-Based Recursive Partitioning of Populations in Epidemiological Studies <b>Robert M West, University of Leeds, UK</b>
11.15 - 11.35	The Double Role of Nutrients in Immunity <b>Gheorghe Giurgiu, Deniplant-Aide Sante Medical Center, Romania</b>
11.35 - 11.55	Navigating Challenges and Insights from Acute Myocardial Infarction Registry Data in Sri Lanka; Lessons from a Developing Healthcare Landscape <b>Gotabhaya Ranasinghe, National Hospital of Sri Lanka, Sri Lanka</b>
11.55 - 12.15	Brian Activities and Spatial Memory Modulated by CA1 Electrical Stimulation <b>Elaheh Jafari, Islamic Azad University, Iran</b>
12.15 - 12.35	Enhancing Malaria Epidemic Response Through a Data-Driven District-Led Approach: A Case Study of Uganda <b>Jovan Baryamaajura, Ministry of Health, Uganda</b>
12.35 - 12.55	New Thinking in Clinical Trials: The Estimand Journey <b>Christine Fletcher, GSK, United Kingdom</b>
12.55 - 13.15	A Structural Equation Modelling Approach to Examine the Mediating Effect of Stress on Diet in Culturally Diverse Women of Childbearing Age <b>Karim Khaled, Birmingham City University, United Kingdom</b>
13.15 - 13.35	Nipah Virus- Case Series <b>Aneeta regi, Royal College of Surgeons, United Kingdom</b>
13.35 - 13.55	Youth Peer Facilitators Role in Promoting and Providing Support in HIV Testing Among University Students: A Case of Maseno University <b>Owino Samwel, Maseno University, Kenya</b>
13:55- 14:15	Nodding Syndrome: Characteristics and Findings of a Narrative Review of Epidemiology, Etiology, and Public Health Impact <b>Polyne Nafula Wechuli, Kenya Medical Training College, Kenya</b>
14:15 - 14:35	Integration Of Correlative and Explanatory Model Methods for Predicting the Growth of Biological Systems <b>Carlos Oscar Rodríguez Leal, University of Guadalajara, Mexico</b>



*Bookmark The Dates*

4<sup>th</sup> International Conference on

# Epidemiology and Public Health

October 27-28, 2025 | Singapore City, Singapore



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