




IN-PERSON CONFERENCE

PROGRAM- AT-A-GLANCE



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SCIENTIFIC PROGRAM

 **mathbiology**

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6TH INTERNATIONAL CONFERENCE ON

FUTURE OF PREVENTIVE MEDICINE AND PUBLIC HEALTH

MARCH 23-24, 2026 | ROME, ITALY

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

SCIENTIFIC PROGRAM

DAY 01

MONDAY

MARCH 23, 2026

08:00-08:30

Registrations

08:30-08:40

Inaugural Ceremony

Moderator

Giovanna Capilli, *San Raffaele University of Rome, Italy*

Topics: Preventive Medicine | Public Health and Healthcare | Midwifery | Healthcare Innovations | Patient Safety | Digital Health | Primary Care | Occupational Health and Safety | COVID 19 | Nursing | Internal Medicine | Family Medicine | Women's Health Psychology and Psychiatric Disorders | Chronic Disease | Telemedicine | Artificial Intelligence in Healthcare

Distinguished Speaker Talks

Session Chair

António Rui Marcelino Leal, *SANITUS Foundation-Porto, Portugal*

Session Chair

Khawer Naveed Siddiqui, *Head, Preventive Cardiology, B M Bitla Heart Research Centre, India*
President, Heart Friends Around The World, Indian Affiliated Chapter

08:40-09:00

Title: Community Impacts of Aviation Noise and Implications for Policy

Jamie L. Banks, *Quiet Communities Inc., USA*

09:00-09:20

Title: Cybersecurity, Medical Device and Product Liability

Giovanna Capilli, *San Raffaele University of Rome, Italy*

09:20-09:40

Title: Heat and Diabetes: Clinical Perspectives on the Implications of Rising Temperatures for Diabetes Care and Prevention

Benedict Lacner, *Praxis Dr. Lacner, Germany*

09:40-10:00

Title: Artificial Intelligence (AI) in Healthcare – Path for Accessibility, Affordability & Accountability for Emerging Countries

Faisal M. Rahman, *Saint Xavier University, USA*

10:00-10:20

Title: Efficacy of 20-Minute Yoga vs Walking in Alleviating Burnout Among Healthcare Workers: A Randomized Controlled Trial

Vartika Saxena, *AIIMS, Rishikesh, India*

10:20-10:40 Title: The Role of MDCT Coronary Angiography in the Detection of Benign Varieties and Anomalies of Coronary Blood Vessels

Ana Mladenovic Markovic, *University Clinical Centre of Serbia School of Medicine University of Belgrade, Serbia*

GROUP PHOTO 10:40-10:50

REFRESHMENT BREAK 10:50-11:10

11:10-11:30 Title: Anesthetic Management of Mechanical Thrombectomy and Its Implication for Neuroprotection and Outcomes

Ana Costa, *Stony Brook University Hospital, USA*

11:30-11:50 Title: The Importance of "Efficient Crew Resource Management" for High Risk Working Environments in the Healthcare Sector

Marc ANT, *Competence Centers for the Luxembourg Crafts Sector, Luxembourg*

11:50-12:10 Title: A Personalized Longevity Approach to Reverse Biological Aging

Gulsen Meral, *Epigenetic Coaching, UK Istanbul Nisantasi University, Turkey*

12:10-12:30 Title: Reinforcement Learning for Intelligent Distribution of Oncology Care Pathway Milestones

Aleš Tichopád, *Czech Technical University in Prague, Czech Republic*

12:30-12:50 Title: Assessment of Compliance to Tobacco Control Legislation under National Tobacco Control Program in Uttarakhand State of India - A Cross-Sectional Study

Mahendra Singh, *AIIMS, Rishikesh, India*

GROUP PHOTO 12:50-13:00

LUNCH BREAK 13:00-13:40

Session Chair **António Rui Marcelino Leal**, *SANITUS Foundation-Porto, Portugal*

Session Chair **Khawer Naveed Siddiqui**, *Head, Preventive Cardiology, B M Bitla Heart Research Centre, India President, Heart Friends Around The World, Indian Affiliated Chapter*

13:40-14:00 Title: Joint Efforts: A Review of Large Joint and Bursa Steroid Injections and Aspirations in Primary Care

Sudipta Mohanty & Aditya Mohanty, *Beth Israel Deaconess Medical Center, Harvard Medical School, USA*

14:00-14:20	<p>Title: Non-Invasive Bioelectrical Profiling of Systemic Metabolic Dysregulation in Oncology using DMA®</p> <p>Francesca Antonella Aiello, <i>Math Biology SRL-Human Biology Institute, Italy</i></p>
14:20-14:40	<p>Title: Preventive Psychiatry in Transplant Medicine: Reimagining Models of Care to Optimize Transplant Outcomes</p> <p>Kinza Tareen, <i>University of Michigan, USA</i></p>
14:40-15:00	<p>Title: Sustainable Consumption of Food during Covid 19: A Conceptual Framework through Literature Review with Focus on Awe</p> <p>Soma Sur, <i>St. Xavier's University, Kolkata, India</i></p>
15:00-15:20	<p>Title: Genetic Signatures: Predictive Analysis of Immunological Cancer Treatments</p> <p>Carolina Castaño Portilla, <i>EIA University, Colombia</i></p>
15:20-15:35	<p>Title: Nutritional Status and Dietary Adequacy in People Living with HIV Attending the Selected Antiretroviral Therapy Centres in Uttarakhand: A Cross-Sectional Study</p> <p>Pragya Yadav, <i>AIIMS, Rishikesh, India</i></p>
15:35-15:50	<p>Title: Development of Pulse Arrival Time Based System to Derive Beat-to-Beat Blood Pressure Variability</p> <p>Chaitali Aditya Deshmukh, <i>University of Mumbai, India</i></p>
	<p>Title: Barriers to HIV Testing Among Partners and Families of PLHIV at ART Centers</p> <p>Meenakshi Khapre, <i>AIIMS, Rishikesh, India</i></p>
Posters 15:50-16:20	<p>Title: In Precision Medicine Consideration Must Be Given To, Among Other Things, Aging, Genetics and Global Diversity</p> <p>Maria Edvardsson, <i>Primary Health Care Center, Sweden Linköping University, Sweden</i> Menikae K Hennkenda, <i>Linköping University, Sweden</i></p>
	<p>Title: Evaluation of DMA® Measurements as Specific Detector of Metabolic Patterns: Placebo Stability and State-Dependent Responses to Vitamin D3</p> <p>Luca Evangelisti & Francesca Antonella Aiello, <i>Math Biology SRL-Human Biology Institute, Italy</i></p>
REFRESHMENT BREAK 16:20-16:40	

16:40-17:00	Title: The VITABalance-Med & IIIES Project for the CVD Primary Prevention António Rui Marcelino Leal , <i>SANITUS Foundation-Porto, Portugal</i>
17:00-17:20	Title: From Primordial Cardiovascular Prevention to Primary Prevention: The Role of Schools Elio Venturini , <i>Civil Hospital Cecina (LI), Italy</i>
17:20-17:40	Title: Sleep Health: One of the Inclusive “VitaBalance Med” Pillars for Primary CVD Prevention Carlos Rivas Echeverria , <i>SLEEP CARE Clinics and DESPIERTA Ltd., UK</i>
17:40-18:00	Title: Erectile Dysfunction (ED) as a Predictor of Cardiovascular Events Esteban Garcia Porrero , <i>Hospital of León, Spain</i>
18:00-18:20	Title: Prevention First: Redefining Cardiovascular Care for the 21st Century Khawer Naveed Siddiqui , <i>Head, Preventive Cardiology, B M Bitla Heart Research Centre, India</i> <i>President, Heart Friends Around The World, Indian Affiliated Chapter</i>

NETWORKING

END OF DAY 1

SCIENTIFIC PROGRAM

DAY 02

TUESDAY

MARCH 24, 2026

HALL-01

08:30-08:40

Introduction

Moderator **Giovanna Capilli**, *San Raffaele University of Rome, Italy*

Topics: Preventive Medicine | Public Health and Healthcare | Midwifery | Healthcare Innovations | Patient Safety | Digital Health | Primary Care | Occupational Health and Safety | COVID 19 | Nursing | Internal Medicine | Family Medicine | Women's Health Psychology and Psychiatric Disorders | Chronic Disease | Telemedicine | Artificial Intelligence in Healthcare

Distinguished Speaker Talks

Session Chair

Hans J Meij, *Yong Loo Lin Medical School, National University of Singapore, Singapore*
Amsterdam University Medical Center, The Netherlands

Session Chair

Faisal M. Rahman, *Saint Xavier University, USA*

08:40-09:00

Title: The Effects of Blood Flow Restriction on Individuals with Ehlers Danlos Syndromes

Justin Z. Laferrier, *Johnson & Wales University, USA*

09:00-09:20

Title: Healthy Longevity Medicine: Is Singapore Ready?

Hans J Meij, *Yong Loo Lin Medical School, National University of Singapore, Singapore*
Amsterdam University Medical Center, The Netherlands

09:20-09:40

Title: After Covid-19 Pandemic: Lessons from Italy's Inner Areas

Giovanni De Santis & Annamaria Bartolini, *University of Perugia, Italy*

09:40-10:00

Title: Artificial Intelligence in the Workplace Insights from the Perspective of Disability Management with a Focus on Early Intervention and Occupational Rehabilitation

Anne Rosken, *ANED – HSG - PCU, Germany*

10:00-10:20

Title: Lagrangian Symmetries and Noether Invariants Unifying Epistemic, Utilitarian, and Normative AI

Edouard Siregar, *Seji Labs, Spain | New York Academy of Sciences, USA*

10:20-10:40	Title: Transmission Dynamics of Dengue in Taiwan Hiroshi Nishiura , <i>Kyoto University, Japan</i>
GROUP PHOTO 10:40-10:50	
REFRESHMENT BREAK 10:50-11:10	
11:10-11:30	Title: Evaluating a Near-Infrared Intraoral Scanner for Proximal Caries Detection in Primary Posterior Teeth Hanin E. Yeslam , <i>King Abdulaziz University, Saudi Arabia</i>
11:30-11:50	Title: Incidence and Risk Factors for Falls Among Nursing Home Residents in Italy: A Retrospective Cohort Study Chiara Carla Monti , <i>Kos Care SRL, Italy</i>
11:50-12:10	Title: Accurate Identification of Glycogen Storage Disease Ia Patients using Machine Learning on Acylcarnitine Profiles Joost Groen , <i>University Medical Center Groningen, The Netherlands</i>
12:10-12:30	Title: Emotional Lifelog using Combination of Environmental and Physiological Indicators Ichi Kanaya , <i>Nagasaki University, Japan</i>
12:30-12:50	Title: The Contribution of Artificial Intelligence to CPET Interpretation Amir Weiss , <i>Medibyt Ltd., Israel Bar-Ilan University, Israel</i>
GROUP PHOTO 12:50-13:00	
LUNCH BREAK 13:00-13:40	
Session Chair	Hans J Meij , <i>Yong Loo Lin Medical School, National University of Singapore, Singapore</i> <i>Amsterdam University Medical Center, The Netherlands</i>
Session Chair	Faisal M. Rahman , <i>Saint Xavier University, USA</i>
13:40-14:00	Title: Low-FODMAP Diet Intervention: A Promising Approach for Managing Irritable Bowel Syndrome Amani Alawi Alrasheedi , <i>King Abdulaziz University, Saudi Arabia</i>
14:00-14:20	Title: Embolization of Bronchial Arteries – Single Center Experience Igor Sekulic , <i>Military Medical Academy, Serbia</i>
14:20-14:40	Title: Quality of Reports on Drug Toxicity in Eudravigilance: A Safety Physician's Perspective Jana Brajdih Čendak , <i>Billev Pharma East Ltd., Slovenia</i>

14:40-15:00	<p>Title: The Role of Implant-Acupuncture in the Treatment of Dementia</p> <p>Stefan Lobner, <i>Implant-Acupuncture Clinic, Germany</i></p>
15:00-15:20	<p>Title: Using Ultrasound to Assess Connective Tissue Quality in Spine Surgery: Cutoffs and Predictive Value for Adjacent Segment Disease</p> <p>Erika Adriana Chiapparelli Harb, <i>Hospital for Special Surgery, Weill Cornell Medicine, USA</i></p>
15:20-15:40	<p>Title: Gaps in Clinical and Ethical Guidance During Health Crises: Lessons from the COVID-19 Pandemic in México</p> <p>Fernanda De Blas López, <i>National Autonomous University of Mexico, Mexico</i></p>
	<p>Title: Evaluating and Enhancing the Ward Staff's Understanding of Hearing Aids in Geriatric Patients</p> <p>Kaniz Fatimah, <i>Lewisham and Greenwich NHS Trust, UK</i></p>
	<p>Title: "We have Doctors, we have Nurses, but also those things from God": Faith, Religion, and the Involvement of Faith-Based Organisations in HIV-Related Service-Provision in Cape Town, South Africa</p> <p>Shehani Perera, <i>South African Medical Research Council, South Africa</i></p>
Posters 15:40-16:10	<p>Title: Chuspi: A Design of a Smart Device for Monitoring Aedes Aegypti Mosquito Populations in Response to Dengue Outbreaks in Peru</p> <p>Aniela Joaquina Ubillús Peña, <i>Pontificia Universidad Católica del Peru, Peru</i></p>
	<p>Title: THEO: A Monitoring Device for Milk Consumption in Infants with Cleft Lip or Cleft Palate</p> <p>Eliane Anel Loza Elguera, <i>Pontificia Universidad Católica del Peru, Peru</i></p>
	<p>Title: Experiences of Patients with Cervical Cancer Undergoing Concurrent Chemo-Radiation Therapy at the Korle Bu Teaching Hospital in Ghana: An Explorative Qualitative Study</p> <p>Enam Adzo Setsoafia, <i>Korle-Bu Teaching Hospital, Ghana</i></p>
REFRESHMENT BREAK 16:10-16:30	
16:30-16:50	<p>Title: Pandemic-Induced Social Isolation on Youth Social Skills and Mental Health</p> <p>Khandker Ahmedul Haque, <i>York University, Canada</i></p>

16:50-17:10 Title: Right and Access to Primary Care for People Experiencing Homelessness in Rome (Italy). A Qualitative Survey to Assess Potential Organizational Proposals for the Application of Law No.176/2024 in the Period of Implementation of Ministerial Decree No. 77 7/2022

Serafina Torchiaro, *Sapienza University of Rome, Italy*

17:10-17:30 Title: Mental Health During Medical Training: An Analysis of Associated Factors in Mexican Medical Students

Karina Robles Rivera, *National Autonomous University of Mexico, Mexico*

17:30-17:45 Title: Biomechanical Analysis of the Influence of Contralateral Leg Balance on the Effectiveness of the Bandal Chagi Kick in Taekwondo

Eliane Anel Loza Elguera, *Pontificia Universidad Catolica del Peru, Peru*

17:45-18:00 Title: Towards African-Centered Psychosocial Interventions: Engaging with African Indigenous Communities through African Indigenous Knowledge systems

Nokukhanya Zondi, *University of KwaZulu-Natal, South Africa*

NETWORKING

END OF DAY 2

HALL-02

Introduction

Session Chair **Marc ANT**, *Competence Centers for the Luxembourg Crafts Sector, Luxembourg*

Session Chair **Mohamad Hamoud**, *Holy Family Hospital-Nazareth, Israel*

Session Chair **Gulsen Meral**, *Epigenetic Coaching, UK
Istanbul Nisantasi University, Turkey*

10:00-10:20 Title: Detection of Putative Loci Affecting Milk Yield in Turkish Awassi Sheep using Microsatellite Markers

Hasan Koyun, *Van Yüzüncü Yıl University, Turkey*

10:20-10:40 Title: Minimally Invasive Surgery: A Strategic Tool in Preventive Medicine & Public Health

Mohamad Hamoud, *Holy Family Hospital-Nazareth, Israel*

GROUP PHOTO 10:40-10:50

REFRESHMENT BREAK 10:50-11:10

11:10-11:30 Title: Robotic Assisted Kidney Transplantation and its Nuances: Experience of a High Volume Tertiary Care Centre

Mohan Keshavamurthy, *Fortis Hospital, India*

11:30-11:50 Title: Navigating Healthcare Futures: Emerging Trends Driving Preventive Medicine and Public Health Transformation

Suryanarayana Alamuri, *Osmania University, India*

11:50-12:10 Title: Innovation in Prevention Begins with Education: Patient Safety as a Pedagogical Framework for Public Policy

Thamyres Zanirati dos Santos, *Federal University of the State of Rio Grande do Sul, Brazil*

12:10-12:30 Title: Agile Technologies for Business Resilience: Issues and Recommendations — A Systematic Review

Sriram Ananthan, *Yorkville University, Canada*

12:30-12:50 Title: Cervical Tuberculosis Mimicking Cervical Cancer in a Postmenopausal Woman: A Case Report

Francisco do Vale, *Hospital Garcia de Orta, Portugal*

GROUP PHOTO 12:50-13:00

LUNCH BREAK 13:00-13:40

Session Chair	Marc ANT , <i>Competence Centers for the Luxembourg Crafts Sector, Luxembourg</i>
Session Chair	Mohamad Hamoud , <i>Holy Family Hospital-Nazareth, Israel</i>
Session Chair	Gulsen Meral , <i>Epigenetic Coaching, UK Istanbul Nisantasi University, Turkey</i>
13:40-14:00	Title: Exploring Stakeholders' Experiences on Implementing Family Medicine in Urban South Africa-Implications for Universal Health Coverage John Mukuka Musonda , <i>University of the Witwatersrand, South Africa</i>
14:00-14:20	Title: Comparative Outcomes of Thulium Laser Enucleation by Prostate Volume: A Three-Group Analysis from A Single-Center Study in Vietnam Van Hinh Tran , <i>Vietnam Military Medical University, Vietnam</i>
14:20-14:40	Title: Occupational Exposure to Airborne Aldehydes: Health Risks Among Traffic Police Officers in Lebanon Zeina Dagher , <i>Lebanese University, Lebanon</i>
14:40-15:00	Title: When Left Is Right: Adapting Laparoscopic Skills to Mirror-Image Anatomy in Low-Resource Settings Iqra Khanzada , <i>Indus Medical College & Hospital, Pakistan</i>
15:00-15:20	Title: Translational Development of NCE 14a: From Predictive Pharmacokinetics to Colon-Targeted Nanoparticles for Colorectal Cancer Therapy V V Siva Krishna Pushadapu , <i>Vignan Pharmacy College, India</i>
15:20-15:35	Title: AI, Mental and Physical Labor, and a Just Policy Framework Yotam Harel , <i>University of Oxford, UK</i>
15:35-15:50	Title: The Effect of Shoulder Massage on Shoulder Pain and Sleep Quality in Patients after Laparoscopic Cholecystectomy: A Randomized Controlled Trial Melis Kübra Duran , <i>NP İstanbul Brain Hospital, Turkey</i>

15:50-16:05 Title: Sustainable Electronic Waste Management through Efficient Power Management for a Greener Future

Khushi Mukeshsingh Bhadouriya, *Vishwakarma Government Engineering College, India*

16:05-16:20 Title: Population Changes and Primary Healthcare Delivery in Ebonyi State, Nigeria

Agatha Arochukwu, *National Population Commission, Nigeria*

REFRESHMENT BREAK 16:20-16:30

16:30-16:50 Title: Neuro-Metabolic Synchrony in Preventive Medicine: A Brain-Body Systems Framework for Early Detection and Reversal of Cardiometabolic Risk

Simona Carniciu, *Carol Davila University of Medicine and Pharmacy, Romania*
Soumanar Functional Medicine Institute, Romania

VIDEO PRESENTATIONS

V001 Title: Behavior-in-the-Loop: Validating LLM Agentic systems for Preventive & Public Health

Anand Srinivasa Rao, *Carnegie Mellon University, USA*

V002 Title: Efficacy and Safety of Superior Laryngeal Nerve Block in the Management of Neuropathic Cough: A Systematic Review

Vinicius Nickel, *State University of Rio de Janeiro, Brazil*

V003 Title: Quiet Malignancy, Loud Decisions: Low Grade Serous Ovarian Carcinomas in Women Yet to Conceive

Madhumitha J, *Panimalar Medical College, India*

V004 Title: A Fast and Easy To Perform Noninvasive Muller's Muscle Sublimation Technique using Plasma Technology for Treatment of Mild To Moderate Ptosis: A Case Report

Nasrin Raffati, *Negah Eye Hospital, Iran*

V005 Title: Religious Practices and Quality of Life in Palliative Care: Insights from Tanzania

Sonia Nada Edward Sokoine, *Kairuki University, Tanzania*

NETWORKING

END OF DAY 2

BOOKMARK YOUR DATES

7TH INTERNATIONAL CONFERENCE ON

**FUTURE OF PREVENTIVE
MEDICINE AND PUBLIC HEALTH**

March 2027 | Vienna, Austria



YOUR BODY SPEAKS, WE KNOW HOW TO LISTEN.

Math Biology is an AI-driven medical device company developing a non-invasive metabolic intelligence platform for early detection, prevention, and personalized health management. Initially focused on cardiometabolic disease, the company plans expansion into oncology and other chronic conditions.

100% Non-Invasive

Truly Personalized Healthcare

One Visit, Full Insight

Reduce Healthcare Costs

Complements Existing Diagnostics

Detects Early, Before Symptoms

Portable & Offline-Ready

Its core technology, **DMA® (Deep Metabolic Assessment)**, is a zero-invasive device that **captures bioelectrical signals generated by biochemical reactions** and translates them into **multi-level metabolic indicators** through mathematical modeling and explainable AI.

These insights enable organ- and system-level analysis across cardiometabolic, oncological, neurodegenerative, inflammatory, and chronic diseases, supporting functional and personalized medicine.

Through its network of **Human Biology Institutes (HBI)**, **clinical-grade data laboratories** developed with research hospitals, **Math Biology accelerates validation, regulatory development, and AI model refinement**, advancing the creation of a **Digital Twin of Human Metabolism** for next-generation systems medicine.

Raffaele Maccioni
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VIRTUAL CONFERENCE

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SCIENTIFIC PROGRAM

The logo for mathbiology, featuring a blue infinity symbol followed by the text 'mathbiology' in a blue sans-serif font.

mathbiology

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VIRTUAL EVENT

6TH INTERNATIONAL CONFERENCE ON

FUTURE OF PREVENTIVE MEDICINE AND PUBLIC HEALTH

MARCH 23-24, 2026

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

SCIENTIFIC PROGRAM

DAY 01

MONDAY

MARCH 23, 2026

GMT (Greenwich Mean Time)

06:25-06:30

Opening Ceremony

Topics: Preventive Medicine | Public Health and Healthcare | Midwifery | Healthcare Innovations | Patient Safety | Digital Health | Primary Care | Occupational Health and Safety | COVID 19 | Nursing | Internal Medicine | Family Medicine | Women's Health Psychology and Psychiatric Disorders | Chronic Disease | Telemedicine | Artificial Intelligence in Healthcare

Distinguished Speaker Talks

06:30-06:50

Title: Data and AI Practices Within Healthcare

Keith Sherringham, *ADT-Partners, Australia*

06:50-07:10

Title: Natural Progress History of Asymptomatic Bacterial Vaginosis in Chinese Han Women and Associated Risk Factors

Rui Zhang, *Peking University First Hospital, China*

07:10-07:30

Title: Assessing Fire-Induced Tree Cover Loss and its Contribution to Carbon Emission in BRICS + Nations

Dharmeswar Das, *Assam down town University, India*

07:30-07:50

Title: Addressing Rural Elderly Issues

Vinod Shah, *Janaseva Foundation, Pune, India*

07:50-08:10

Title: Creating a Livable Planet by Direct Carbon Capture at Negative Cost

Shri Pal, *HIMUDA Industrial Area Phase IV, India*

08:10-08:30

Title: Emotional Lifelog using Combination of Environmental and Physiological Indicators

Ichi Kanaya, *Nagasaki University, Japan*

08:30-08:50

Title: Health Service Programme for the Taxi Industry in the City of Tshwane (CoT) South Africa: A Need or a Want "Sharing Perceptions of Stakeholders

Makwena Suzan Mathikhi, *Tshwane University of Technology, South Africa*

08:50-09:10

Title: Causes, Drivers, and Health Implications of Biodiversity Loss

James Osabuohien Odia, *University of Benin, Nigeria*

09:10-09:30 Title: Rockfall hazards in Türkiye based on data up to 2020s

Tayfun Kurt, *Independent Researcher, Turkey*

REFRESHMENT BREAK 09:30-09:40

09:40-10:00 Title: Optimizing Radiotherapy in Left-Sided Breast Cancer: Comparative Evaluation of 3DCRT, VMAT, and Fractionation Regimens Under DIBH

Wassila El Kanawati, *Beirut Arab University (BAU), Lebanon*

10:00-10:20 Title: Low-FODMAP Diet Intervention: A Promising Approach for Managing Irritable Bowel Syndrome

Amani Alawi Alrasheedi, *King Abdulaziz University, Saudi Arabia*

10:20-10:40 Title: Seaweeds in Preventive Medicine: Nutritional and Therapeutic Potentials of Caulerpa and other Marine Algae Against Metabolic Disorders

Gioconda Millotti, *Juraj Dobrila University of Pula, Croatia*

10:40-11:00 Title: Neuroroads VR Rehabilitation Enhances Road-Crossing Skills in Children with Autism, Down's Syndrome, and Healthy Peers

Husam Abuzina, *Palestine Polytechnic University, Palestine*

11:00-11:20 Title: Reproductive and Oncologic Safety of Fertility-Sparing Surgery in Early-Stage Ovarian Cancer: Insights from a Systematic Literature Review

Stylianos Sergios Chatziioannou, *European University of Cyprus, Cyprus*

11:20-11:40 Title: Brain Tumor Diagnosis Through Transfer Learning with CNNs: A Comparative Evaluation of Xception, InceptionV3, MobileNetV2, ResNet50, VGG19 and VGG16 Models on MRI Images

Muhammad Khan, *University of the West of England, UK*

11:40-12:00 Title: Metalinguistic Awareness in Clinical Conditions: Challenges and Potentialities

Maria Antonietta Pinto, *University of Rome "La Sapienza", Italy*

12:00-12:20 Title: Uniform and up to Date Care Worldwide: The Accredited Duchenne Centers Program

Imelda JM de Groot, *World Duchenne Organization, Netherlands*

12:20-12:40 Title: The HPC-AI Low-Code Integration Stack: A Scalable Architecture for Real-Time Governed Intelligence in Healthcare Systems

Harikrishnan Muthukrishnan, *BCBS-Florida, USA*

12:40-13:00	Title: Cervical Cancer Screening After Menopause Nenrot Sandra Gopep , <i>Georgia Southern University, USA</i>
LUNCH BREAK 13:00-13:30	
13:30-13:50	Title: Behavior-in-the-Loop: Validating LLM Agentic Systems for Preventive & Public Health Anand S. Rao , <i>Carnegie Mellon University, USA</i>
13:50-14:10	Title: The Mollie Woods Hare Global Center of Excellence: Advancing Research, Training and Inclusive Care for Individuals with Autism and Intellectual Disabilities Tine Hansen-Turton & Sailaja Musunuri , <i>Woods System of Care, USA</i>
14:10-14:30	Title: Empowering Faculty in Socially Accountable Medical Schools Nicholas Torres , <i>The Network: Towards Unity for Health, USA</i>
14:30-14:50	Title: Sustainable Consumption of Food during Covid 19: A Conceptual Framework through Literature Review with Focus on Awe Soma Sur , <i>St. Xavier's University, Kolkata, India</i>
14:50-15:10	Title: Comprehensive Care for People with Behavioral Addictions and Co-Occurring Disorders Mary E. McCloskey , <i>Celtic Counseling Inc., USA</i>
15:10-15:30	Title: Integration of Model-Based Systems Engineering, Risk Management, and Finite Element Simulation in the Design and Development of Biomaterial-Based Medical Devices Irina Esmeralda Lauritto , <i>National University of Entre Ríos, Argentina</i>
15:30-15:50	Title: Efficacy and Safety of Superior Laryngeal Nerve Block in the Management of Neuropathic Cough: A Systematic Review Vinicius Nickel , <i>State University of Rio de Janeiro, Brazil</i>
15:50-16:10	Title: AI Hallucination Risks and Mitigation Strategies Lucas Domingues dos Santos , <i>University of São Paulo (USP), Brazil</i>
16:10-16:30	Title: Integration of Model-Based Systems Engineering, Risk Management, and Finite Element Simulation in the Design and Development of Biomaterial-Based Medical Devices Sebastian Guzman Alfaro , <i>Universidad Autonoma De Zacatecas, Mexico</i>
16:30-16:50	Title: Efficacy of 20-Minute Yoga vs Walking in Alleviating Burnout Among Healthcare Workers: A Randomized Controlled Trial Vartika Saxena , <i>AIIMS, Rishikesh, India</i>

16:50-17:10 Title: Assessment of Compliance to Tobacco Control Legislation under National Tobacco Control Program in Uttarakhand State of India - A Cross-Sectional Study

Mahendra Singh, *AIIMS, Rishikesh, India*

17:10-17:30 Title: Barriers to HIV Testing Among Partners and Families of PLHIV at ART Centers

Meenakshi Khapre, *AIIMS, Rishikesh, India*

17:30-17:50 Title: Nutritional Status and Dietary Adequacy in People Living with HIV Attending the Selected Antiretroviral Therapy Centres in Uttarakhand: A Cross-Sectional Study

Pragya Yadav, *AIIMS, Rishikesh, India*

NETWORKING

END OF DAY 1

MARCH 24, 2026

Greenwich Mean Time (GMT)

06:25-06:30

Introduction

Topics: Preventive Medicine | Public Health and Healthcare | Midwifery | Healthcare Innovations | Patient Safety | Digital Health | Primary Care | Occupational Health and Safety | COVID 19 | Nursing | Internal Medicine | Family Medicine | Women's Health Psychology and Psychiatric Disorders | Chronic Disease | Telemedicine | Artificial Intelligence in Healthcare

Distinguished Speaker Talks

06:30-06:50

Title: Causal Links Between Diet and Neurodegenerative Diseases: Evidence from Mendelian Randomization

Sen Hu, *Zhengzhou University People's Hospital, China*

06:50-07:10

Title: The Influence of Preoperative Treatment on Preoperative and Postoperative Total Knee & Hip Arthroplasty Outcomes: A Systematic Review

Tachelle Ting, *Flinders University, Australia*

07:10-07:30

Title: Legal and Regulatory Learnings from the European Health Data Space (EHDS)

Nimrod Mike, *Corvinus University of Budapest, Hungary*

07:30-07:50

Title: Quiet Malignancy, Loud Decisions: Low Grade Serous Ovarian Carcinomas in Women Yet to Conceive

Madhumitha J, *Apollo Hospitals, India*

07:50-08:10

Title: Tribals are in Dilemma: Indigenous Health Practices and Modern Health Care Practices- A Case study of the Lodhas, a Criminal Tribe of West Bengal, India

Samita Manna, *University of Kalyani, India*

08:10-08:30

Title: Beyond Economic Metrics: Understanding Wellbeing through Social-Ecological Lenses in Traditional Industries

Ankur Shukla, *Amity University Rajasthan, India*

08:30-08:50	Title: Knee Osteoarthritis Detection and Categorization with Deep Learning Models Gourab Roy , <i>Indian Institute of Technology (ISM) Dhanbad, India</i>
08:50-09:10	Title: Religious Practices and Quality of Life in Palliative Care: Insights from Tanzania Sonia Nada Edward Sokoine , <i>Kairuki University, Tanzania</i>
09:10-09:30	Title: A Study on Body Composition Parameters and Biological Parameters of Farm Women working under Hot Climate Nasrin Raffati , <i>Negah Eye Hospital, Iran</i>
REFRESHMENT BREAK 09:30-09:40	
09:40-10:00	Title: Influential Plant in Medicinal Science and Clove: Tiny Buds with Global Fame Royanama Rahimi , <i>Mashhad University of Medical Sciences, Iran</i>
10:00-10:20	Title: Designing a Self-Reliance Model for Households with Food Insecurity in Iran Masoomeh Gholami , <i>Tehran University of Medical Sciences, Iran</i>
10:20-10:40	Title: Probiotic-Derived Bacteriocins for Veterinary Biofilm Control: Mechanisms, Evidence and One Health Translation Farwa Farooq , <i>Government College University Faisalabad, Pakistan</i>
10:40-11:00	Title: Oral Hygiene Practices of Students Studying Abroad & the Potentiality of Inexpensive Dental Care in South Asia Umana Anjalin , <i>University of Liberal Arts Bangladesh (ULAB), Bangladesh</i>
11:00-11:20	Title: Primary Healthcare Integration Practices in Turkey Sema Safir Sumer , <i>The World Bank, Turkey</i>
11:20-11:40	Title: Digitalization and Decision Support Systems in Healthcare Services: Operationalizing Nutrigenetic Analysis with AI Emin TARAKCI , <i>Turk Telekom, Turkey</i>
11:40-12:00	Title: The Role of Circular Rnas (Circrnas) as A Prognostic Factor in Lung Cancer: A Meta Analysis Sanabil Ahsan , <i>University of Warwick, UK</i>
12:00-12:20	Title: Artificial Intelligence in the Workplace Insights from the Perspective of Disability Management with a Focus on Early Intervention and Occupational Rehabilitation Anne Rosken , <i>ANED – HSG - PCU, Germany</i>

12:20-12:40	Title: Missing the Message to Brain Tumor Patients: A 2023 Twitter Analysis Among Patients, Informal Caregivers, and Healthcare Professionals in Glioblastoma Multiforme Jay Ashesh Jani , <i>Emory School of Medicine, USA</i>
12:40-13:00	Title: The Contribution of Artificial Intelligence to CPET Interpretation Amir Weiss , <i>Medibyt Ltd., Israel Bar-Ilan University, Israel</i>
LUNCH BREAK 13:00-13:30	
13:30-13:50	Title: Enhancing Play Skills in Children with Autism: A Systematic Review of Behavioral Interventions Involving Peers and Adults Goodson Chaidamoyo Dzenga , <i>University of Montana Western, USA</i>
13:50-14:10	Title: Epigenetic Sperm Quality Testing for Predicting Fertility Treatment Success: A Real-World and Multi-Site Analysis Carrie Bedient , <i>The Fertility Center of Las Vegas, USA</i>
14:10-14:30	Title: Integrating Behavioral Health into Primary Care Produces Cost Savings with Refugees: Insights for Preventative Medicine Maria Vukovich , <i>University of Denver, USA</i>
14:30-14:50	Title: A New Approach to Artificial Intelligence and Its Application to Medicine Vladimir Proseanic , <i>Progress, Inc. ; Omega Server Inc., USA</i>
14:50-15:10	Title: Sex Differences in the Association of Liver Fibrosis Severity and Cardiometabolic Profiles Jennifer L. Dodge , <i>University of Southern California, USA</i>
15:10-15:30	Title: Achieving and Maintaining Homeostasis with Molecular Computers Roger Jones , <i>University of North Carolina at Chapel Hill, USA</i>
15:30-15:50	Title: Health Literacy and Digital Health Literacy: Addressing Disparities Among African American/Black Men Evelina Weidman Sterling , <i>Chan Zuckerberg Biohub San Francisco, USA</i>
15:50-16:10	Title: Applications in Public Health: Experience Report on the Development of the VigSaúde® Application Joaquim Teixeira Netto , <i>Ensp/Fiocruz, Brazil</i>
16:10-16:30	Title: Application of a Degenerate RLS Algorithm for Epileptic Seizure Detection Kauã Lima de Queiroz , <i>Institute Federal of Ceará, Pecém, Brazil</i>

16:30-16:50

Title: Multicenter Clinical Trial for the Treatment of Obstructive Sleep Apnea with a Non-Permanent Orthodontic Intraoral Device in Children

Tammarie Heit, *The University of Alberta, Canada*

NETWORKING

END OF DAY 2

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