

15th International Symposium of Health Sciences (i-SIHAT 2026)
in conjunction with the
3rd AUAP International Health Science Conference
"Advancing Health Frontiers: Innovation and Global Partnerships"
23 - 24 June 2026 | Berjaya Times Square Hotel, Kuala Lumpur, Malaysia

23rd June 2026		
Registration Time : 8.00am - 9.00am		
Plenary 1 - Prof. Dr. Karen Chen (National Taiwan University) - online session From Longitudinal Ageing Research to Dementia Prevention: Translating Multisystem Biomarkers into Population Action Venue : Manhattan 1 Time : 9.00am - 9.30am Chairperson : Prof. Dr. Nor Fadilah Rajab		
Plenary 2 - Prof. Dr. Judi Porter (Deakin University, Australia) Transforming Nutrition in Healthcare: Innovation and Evidence to Improve Outcomes Venue : Manhattan 1 Time : 9.30am - 10.00am Chairperson : Dr. Nurul Huda Razalli		
Networking Break & Exhibition Viewing / Poster Viewing & Judging Time : 10.00am - 10.30am		
Opening Ceremony by Honorable Dato Hajjah Hanifah Hajar Taib, Deputy Minister of Health for Malaysia Venue : Manhattan 1 Time : 10.30am - 11.30am		
Keynote Address - Dr Rabindra Abeyasinghe (WHO Representative to Malaysia, Brunei Darussalam and Singapore) The Role of WHO in Advancing Health Frontiers: Innovation and Global Partnerships Venue : Manhattan 1 Time : 11.30am - 12.10pm Chairperson : Prof. Dr. Noraziah Mohamad Zin		
12.10pm - 12.30pm Silver Sponsor Talk : Premier Integrated Labs Speaker: Mr. Ikhwan bin Ismail (Development Manager, Lifespin GmbH Business) Topic: From Metabolites to Prevention		
12.30pm - 12.50pm Silver Sponsor Talk : Enfrasys Solutions Sdn. Bhd.		
Exhibition Viewing / Poster Viewing & Judging Time : 12.10pm - 2.00pm		
Invited speaker Beyond Digital Literacy: Modeling the Mediating Role of Self-Efficacy in Physiotherapists' Transition to Biopsychosocial Pain Management Mr. Manikandan Pachampalayam Chokkappan - University of Cyberjaya Venue : Manhattan 1 Time : 2.00pm - 2.20pm Chairperson : Prof. Dr. Nor Fadilah Rajab		Young Investigator Venue : Manhattan 8 Time : 2.00pm - 3.30pm
		A3 : Nurturing the Next Generation of Ageing Researchers
Track A - Translating Ageing Research for Longevity Venue : Manhattan 1 Time : 2.30pm - 3.30pm	Track B - Integrative Toxicology for Human & Planetary Health Venue : Manhattan 7 Time : 2.30pm - 3.30pm	Y1009 : Knowledge, Attitude and Practice of Healthcare Providers Toward Multidomain Lifestyle Intervention for Dementia Prevention: A Preliminary Needs Assessment Svafiy Binti A.Azman - Malaysia
A1 : Decoding the Biology of Ageing: From Cells to Systems	B1 : Advancing Toxicology in disease prevention, diagnosis and treatment	Y1025 : NMR-based Metabolomics Profiling and Bioactivity Evaluation of Selected Malaysian Herbs for Radical Scavenging and Senotherapeutic Properties Nor Muhammad Hilmi Hussin - Malaysia
OR045: Elucidating The Framework of Herbal and Dietary Supplement Consumption Among Elderly People Dr. Nur Ain Mahat - Malaysia	OR046: Neuroprotective effects of intermittent fasting against inflammatory markers in the rat's hippocampus and prefrontal cortex Abubakar Habibu Bunza - Malaysia	Y1018 : From Regression to Machine Learning: Improving Prediction of Accelerated Ageing in Breast Cancer Survivors Nur Afifah Mursyida Binti Zaujan - Malaysia

OR039: Plant Predominant Dietary Patterns and Cognitive Resilience in Breast Cancer Survivors: Translating Nutritional Science into Healthy Longevity Assoc. Prof. Dr. Mohd. Razif Shahril - Malaysia	OR019: Preliminary Histological Evaluation of Oral Pterostilbene in UVB-Induced Skin Photoaging Model in BALB/c Mice Muhammad Haikal Bin Ahmad - Malaysia	YI017 : Longitudinal Determinants of Intrinsic Capacity Trajectories Among Community-Dwelling Older Adults in Malaysia Dr. Nurul Hidayah Md Fadzi - Malaysia
OR026: Development and Validation of a Questionnaire to Assess Nutritional Knowledge Related to Cognitive Function Among Malaysian Older Adults Assoc. Prof. Dr. Hanis Mastura Yahya - Malaysia	OR043: Maternal Genetic Diversity of the Minangkabau Population Revealed by Targeted Mitochondrial Sequencing and Its Forensic Implications Taufik Hidayat - Malaysia	YI010 : Combination Exercise Preserves Muscle Mass and Strength While Reducing Adiposity in a Neurodegenerative Rat Model: Preliminary Findings Nur Aisyah Anuar - Malaysia
OR044: Association Between Upper Limb Coordination and Grip Strength in Older Adults: A Cross-Sectional Study Assoc. Prof. Dr. Waroannapa Srisoparb - Thailand	OR013: Cardiac Microenvironment Communication Under Hypoxic Stress Potentially Mediated by Cardiomyocyte-derived Exosome Delivery of Angiogenic Regulators Dr. Jia Zheng - Malaysia	YI008 : Muscle Strength Following Critical Illness: The Relative Role Of Protein Delivery And Organ Dysfunction Trajectory Nur Shazleen Nisha Binti Rozali - Malaysia
Plenary 3 - Prof. Dr. Chua Chee Wai (Shanghai Jiao Tong University) The potential of luminal progenitors as the cells-of-origin for different subtypes of castration-resistant prostate cancer Venue : Manhattan 1 Time : 3.30pm - 4.00pm Chairperson : Assoc. Prof. Dr. Asmah Hamid		
Track C - Advancing Community Health through Research, Innovation and Partnerships Venue : Manhattan 1 Time : 4.00pm - 5.00pm	Track C - Advancing Community Health through Research, Innovation and Partnerships Venue : Manhattan 7 Time : 4.00pm - 5.15pm	Young Investigator Venue : Manhattan 8 Time : 4.00pm - 5.15pm
C2 : Strengthening Community–Academia–Industry Partnerships For Health Impact	C2 : Strengthening Community–Academia–Industry Partnerships For Health Impact	B3 : Young Minds for Planetary Health Solutions: Research and Innovation for Future Sustainability
OR047 : The Impact of Eating Behaviours on Dietary Intake among Children with Autism Spectrum Disorder (ASD) Dr Nur Hana Hamzaid	OR006: Sleeping In on Weekends: Prevalence and Associations with Anthropometric Status and Academic Performance among Primary School Children in Selangor Dhanasriy Sathiabalan - Malaysia	YI023 : Monsoon Variability of Bacterial Communities in Airborne Particulate Matters of Kuala Lumpur, Malaysia Nurul Tasha Binti Zulkifle - Malaysia
OR038: From Awareness to Action: Sexual Health Knowledge, Attitudes and Practices Among Undergraduates at Universiti Kebangsaan Malaysia Dr. Vanitha Mariappan - Malaysia	OR033: Food insecurity among adults with Type 2 diabetes in Malaysia: the role of socioeconomic determinants Dr. Harvinder Kaur A/P Gilcharan Singh - Malaysia	YI011 : Breaking the Silence: From Nutrition KAP Assessment to the Development of a Sign Language Healthy Eating Video for Deaf Adults in Malaysia Dr. You Yee Xing - Malaysia
OR022: Nutrient density of commonly consumed foods: A Malaysian perspective Ruhaya Binti Salleh - Malaysia	OR007: Dietary management of Disorders of Gut Brain Interactions: Knowledge, attitudes, and practices among gastroenterologists and dietitians in Asia Dr. Shanthi Krishnasamy - UKM	YI004: Clinician-Informed Usability And Design Guidelines For Home-Based Rehabilitation Mobile Applications Gloria Chong Ying Le - Malaysia
OR041: Protecting Vulnerable Workers in a Warming Climate: A Community Health Perspective on Occupational Heat Stress in Malaysia Dr. Dayana Hazwani Mohd Suadi Nata - Malaysia	OR008: Sleep Patterns, Social Jetlag, Screen Time and Their Associations with School Attendance and Academic Performance among Primary School Children in Selangor, Malaysia Nur'ain Mardhiyah Binti Harun - Malaysia	YI024 : Mosquito Magnet: An Innovative Solution to an Old Problem in Entomological Surveillance for Zoonotic Malaria Dr. Nantha Kumar Jayaprakasam - Malaysia
	OR023: Circadian Misalignment and Its Associated Factors in Malaysian Adults: Results from the Nationwide MYLIFERHYTHM Online Survey Prof. Dr. Zahara Abdul Manaf - Malaysia	YI026 : Chemical Profiling and Persistence of Gasoline Residues on Natural and Synthetic Porous Substrates under Tropical Weathering Conditions Suvitraa A/P Paramasivam - Malaysia
Gala Dinner 8.00pm - 10.00pm		

24th June 2026

Track C - Advancing Community Health through Research, Innovation and Partnerships Venue : Manhattan 1 Time : 8.45am - 9.45am	Track D - Digital Innovations in Rehabilitation & Health Sciences Venue : Manhattan 7 Time : 8.45am - 9.30am	Young Investigator Venue : Manhattan 8 Time : 8.45am - 9.45am
C1 : Digital Solutions and Emerging Technologies for Community and Clinical Health Monitoring	D1 : Digital Breakthroughs in Rehabilitation Science	C3 : Health Promotion, Clinical Intervention and Behavioural Change for Sustainable Well-being
RP005 : From Affection to Connection: The Pivotal Role of Maternal Openness and Interdependence in Predicting Emerging Adults' Psychological Well-being Dr. Novi Qonitatin - Indonesia	OR018: Cochlear Implant – Parental Support scale: A pilot study Lim Tang Zhi - Malaysia	YI002: Caring for the Caregivers: The Evaluation of a Psychological Intervention Program for Caregivers of Childhood Cancer Dr. Agnes Chong Shu Sze - Malaysia
RP017 : Factors Influencing Water Scarcity Preparedness In Urban Slums Of Padang City: A Community Health Perspective Azyyati Ridha Alfian - Indonesia		
RP018 : Predictors Of Self-Reported Practice In Ventilator-Associated Pneumonia (VAP) Prevention Among Critical Care Nurses In Sarawak Public Hospitals		

<p>Tan Jia Hui - Malaysia</p> <p>RP024 : From Food Waste to Food Acceptance: The Teddy Breakfast Project for Hospitalised Children Dr. Nurul Huda Binti Razalli - Malaysia</p> <p>RP040 : Low Calorie Sweeteners Consumption: Associations with Caloric Compensation and Appetite-Regulating Hormones Dr. Wan Fathin Fariza Binti Wan Mahmood - Malaysia</p> <p>RP041 : Capturing the Patient's Experience in Virtual Care: Development and Validation of the MPEQ-VC for Malaysian Primary Healthcare Dr. Nasim Muhammad Bin Abdul Kuthoose - Malaysia</p> <p>RP043 : Development and Content Validation of the STAR Parenting Module to Improve Socio-Emotional Development for School Readiness of Children with Cochlear Implants Geh Cha Long - Malaysia</p> <p>RP048 : Policy and Institutional Perspectives on the Use of Schools as Temporary Evacuation Centres during Floods in Southeast Asia Dr. Aziemah Binti Zulkifli - Malaysia</p> <p>RP045 : A Comprehensive Predictive Model for Cardiovascular Disease: Integrating Logistic Regression and CART for Early Risk Evaluation Azah Sumaiyah Abdul Aziz - Malaysia</p> <p>RP046 : Factors and Associated Health Outcomes of Food Insecurity Among Patients with Cancer Samihah Aslamiah Binti Ahmad Najdi - Malaysia</p> <p>RP047 : Assessing the Effectiveness of the DemensiKITA Mobile Health Intervention on Caregiver Knowledge, Attitude, Practice, and Burden in Selangor, Malaysia Dr. Nurulizzah Binti Mahfar - Malaysia</p> <p>RP019 : Development, Content Validation, and Usability Testing of the Mobile Application for VRT in Adults with Vestibular Problem Nur Dini Izzati Khairol Anur - Malaysia</p>	<p>OR010: Translational Potential and Explainability of Artificial Intelligence Decision Support for Adults in Intensive Care: A Scoping Review Yodha Pranata - Indonesia</p>	<p>YI006: Mapping Theory-Based Game Mechanics of "Wabak X" to Empower Outbreak Preparedness among the Orang Asli Dr. Ameerah Su'Ad Binti Abdul Shakor - Malaysia</p>
	<p>OR004: Fear of Falling and Self-Efficacy for Physical Activity Among Stroke Survivors with Home-Based Physiotherapy Experience Nitya A/P Letchumanan - Malaysia</p>	<p>E3 : Emerging Research in Diagnostic and Investigative Sciences</p>
<p>RP049 : Effects of Blue and UV Filtering Eye Drops on Contact Lens Light Transmittance Sadeq Naeem Ajeena - Malaysia</p> <p>RP002 : Development of the Malay version of the Multidimensional Fall Efficacy Scale (MdFES): translation, cultural adaptation and preliminary validation Lee Miao Zhuang - Malaysia</p> <p>RP028 : Psychologically Informed Practice in Tinnitus Management: Audiologist Perceived Barriers, Facilitators, and Preparedness in Malaysian Government Hospitals Mohamad Azmeer Sadali - Malaysia</p>	<p>Venue : Manhattan 7 Time : 9.45am - 10.00am</p> <p>RP037 : Toward Integrated Microstructural and Hemodynamic Brain Imaging with IVIM Imaging at 3T MRI Dr. Kingkarn Aphiwatthanasumet - Thailand</p> <p>RP011 : Efficacy of fungal beta-glucan 1,3/1,6 on health-related outcomes among adults: A systematic review Mushavia Ashraf - Malaysia</p> <p>RP016 : miR-155 Modulation Induces Apoptosis and Regulates PTEN/MARCH7 Signalling in Breast Cancer-Derived Cell Lines Dr. Chen Xiaohua - Malaysia</p>	<p>Venue : Manhattan 8 Time : 9.45am - 10.00am</p> <p>RP053 : Association of Sociodemographic and Environmental Factors of Tuberculosis Cases from 2014 to 2023 in Malaysia Dr. Nur Adibah Binti Mohidem - Malaysia</p> <p>RP010 : DNMT3A/DNMT3B-Mediated Epigenetic Regulation of TRPV4 Drives Extracellular Matrix Stiffening in Lung Squamous Cell Carcinoma Khairunnisa Binti Mohd Kamal - Malaysia</p> <p>RP027 : Mechanism of FODMAP Restriction in Functional Gastrointestinal Disorder Patients: Preliminary Data from a Randomised Controlled Trial Jaysrina Mahalinga Moorthy - Malaysia</p>
<p>Poster Viewing & Judging 10.00am - 10.15am</p>		
<p>Plenary 4 - Assoc. Prof. Dr. Ahmad Nazlim Yusof (Universiti Kebangsaan Malaysia) Functional magnetic resonance imaging of human brain: From scans to stats Venue : Manhattan 1 Time : 10.15am - 10.45am Chairperson : Assoc. Prof. Dr. Izatus Shima Taib</p>		
<p>Networking Break & Exhibition Viewing / Poster Viewing & Judging Time : 10.45am - 11.15am</p>		

Plenary 5 - Prof. Dr. Anthony Pak-Hin Kong (The University of Hong Kong)
 Transforming Neurorehabilitation of Aphasia with Digital Innovation: AI, Apps, and in Action
 Venue : Manhattan 1
 Time : 11.15am - 11.45am
 Chairperson : Mejar Bersekutu (PA) Dr. Badruzaman Abdul Hamid

Invited speaker
 From Awareness to Empowerment: Reimagining Breast Health Education Through Human-Centric AI
 Prof. Ts. Dr. Norhayati Mohd Zain - KPJ University
 Venue : Manhattan 1
 Time : 11.45am - 12.05pm
 Chairperson : Dr. Siti Hajar Zuber

Track C - Advancing Community Health through Research, Innovation and Partnerships Venue : Manhattan 1 Time : 12.05pm - 1.05pm	Track E - Innovative Diagnostic, Therapeutic and Investigative Venue : Manhattan 7 Time : 12.05pm - 12.50pm	Young Investigator Venue : Manhattan 8 Time : 12.05pm - 1.05pm
C2 : Strengthening Community-Academia-Industry Partnerships for Health Impact	E1 : Translational and Precision Research in Diagnostic and Therapeutic Sciences	D3 : Next-Gen Digital Health: Ideas, Pilots, and Innovations
OR009: Developmental Eye Movement (DEM) Test Scores Among Chinese Children In Klang Valley Dr. Sumithira Narayanasamy - Malaysia	OR020 : Metabolite Association And Pathway Analysis Of Covid-19 Vaccine Via LC-MS-Based Metabolomics Dr. Hamza Ahmed Pantami - Nigeria	YI016: MINDCARE: An Artificial Intelligence-Driven Digital Application Incorporating Malaysian-MIND (MY-MINDD©) Diet Scores for Predicting Mild Cognitive Impairment Among Malaysian Older Adults Muhamad Mustaqim M Zapawi - Malaysia
OR025: Improving Readiness to Change Among Indigenous Risky Drinkers: A Single-Arm Trial of Culturally Adapted Brief Motivational Interviewing Dr. Rifhan Bin Rasuli - Malaysia	OR042: Integrated Manual and Automated Image Analysis for Correlation Dielectrophoretic Quantification of Bacteria Against Plate Count Enumeration Arash Zulkarnain Bin Ahmad Rozaini - Malaysia	YI022: Artificial Intelligence and Mobile Health Technologies in the Assessment and Management of Voice Disorders: A Systematic Review Muhammad Safwan Bin Yusof - Malaysia
OR024: Measuring How Students Perceive Their Physical Health: Evidence of Validity and Reliability Assoc. Prof. Dr. Dinie Ratri Desiningrum - Indonesia	OR030: Associations between Working Memory Performance and Prefrontal Activation in White Noise among Adolescents with Internet Gaming Addiction Noor Fadzliyah Binti Mohd Fadil - Malaysia	YI005: Effectiveness of a Structured Physiotherapy Intervention on Motor Performance and Behavioural Outcomes in Children with Autism Spectrum Disorder: A Randomized Controlled Trial Nazurah Binti Alwi - Malaysia
OR017: Social Determinants of Cardiovascular Health: A Systematic Review and Meta-analysis of Psychosocial Support on Treatment Adherence Reni Afriana - Indonesia		YI013: Subclinical Cardiac Dysfunction in Young Adults with Hypertension: Insights from Speckle Tracking Echocardiography Lyana Shahirah Mohamad Yamin - Malaysia

Lunch
 Exhibition Viewing / Poster Viewing & Judging
 Time : 1.15pm - 2.15pm

Track D - Digital Innovations in Rehabilitation & Health Sciences Venue : Manhattan 1 Time : 2.15pm - 3.00pm	Track E - Innovative Diagnostic, Therapeutic and Investigative Venue : Manhattan 7 2.15pm - 3.15pm	Oral Presentation : Rapid Fire Session Venue : Manhattan 8 3.15pm - 3.40pm
D2 : Technology-enabled Solutions for Better Health Outcomes	E2 : Standardisation, Technology Integration, and Global Research in Forensic Science	RP012 : Pilot Study: Adaptation of resilience-building Intervention among youth with Adverse Childhood Experience in Malaysia Ng Jun Kiat - Malaysia
OR003: Watch, Learn, Improve: Video-Based Slit-Lamp Training Enhances Immediate Test Performance and Highlights the Role of Learning Motivation Khadija Dayah Abdullahi - Malaysia	OR016: Verification of GATE Modeling and Simulation for Clinac IX Linear Accelerator at 6 MV Photon Dr. Siti Hajar Zuber - Malaysia	RP021 : The Use Of Aac By Children With Autism In Special Education Classrooms In Malaysia: Perspective Of Special Education Teachers And Parents Hazel Cheah Bee Leng - Malaysia
OR011: Cross-Linguistic Acoustic Markers of Hearing Impairment: A Review of Vowel Production and Formant Centralisation Assoc. Prof. Dr. Wan Aslynn Wan Ahmad - Malaysia	OR012: Karanjin Exerts Anti-Neuroinflammatory Activity in Lipopolysaccharide-Induced BV-2 Microglial Cells by Reducing Nitric Oxide Production and Targeting Key Inflammatory Mediators Aziatul Munirah Binti Shafie - Malaysia	RP020 : The Impact of Orthokeratology on Ocular Dimensions and Peripheral Eye Length in myopic children: A 3D Magnetic Resonance Imaging (MRI) 12 months Study Dr. Low Yu Chen - Malaysia
OR040: Simulation-Based Technologies for Patient Education in Medical Imaging and Radiotherapy: A Systematic Review Nur Anis Izzati Che Mut - Malaysia	OR014: Acceptable Quality Dose in Pediatric Abdominal CT: A Multicenter Study Benchmarking Against Diagnostic Reference Levels in Malaysia. Mohd Shahril Bin Mohd Shamsul - Malaysia	RP033 : Association of Short-Term and Working Memory Capacity with Brain Activation among Adolescents with Internet Gaming Addiction Symptom: A Preliminary Finding Zati Amalina Binti Mohd Abdul Ghafar - Malaysia
	OR021: Bio-Based <i>Rhizophora spp.</i> Particleboard for Tissue-Equivalent Radiotherapy Phantom Applications Saadiatul Nur Aqilah Binti Mohd Zakaria - Malaysia	RP008 : Determinants Of Return To Work After Stroke In Asia: A Scoping Review Alifsafer Ali Bin Zohor Ali - Indonesia

Plenary 6 - Prof. Dr. Anoop Swarup (The Association of Universities of Asia and the Pacific AUAP)
 AI Innovations for a Global Health Care Revolution
 Venue : Manhattan 1
 Time : 3.40pm - 4.15pm
 Chairperson : Assoc. Prof. Dr. Noor Hafzalinda Hamzah

Closing Ceremony
 Venue : Manhattan 1
 Time : 4.15pm - 5.00pm