

ICAHS 2025

International Conference of Allied Health Sciences
Bangkok, Thailand

29th August 2025

8:00 - 8:45	Registration at Chaloe Rajakumari 60 Building (Chamchuri 10) (fl.1), Chulalongkorn University			
8:45 - 9:15	Opening Ceremony (fl.8) 801 Opening Remark by Professor Dr. Wilert Puriwat President of Chulalongkorn University			
9:15-10:15	Plenary lecture (fl.8) 801 PL1: Capt.(Ret.) Yongyuth Mayalarp, M.D. President of Thai Lifestyle Medicine and Wellbeing Association (TLWA) <i>Lifestyle Medicine: The Heart of Precision Health and the Future of Allied Health</i>			
10:15-10:30	Coffee break Booths and Poster session			
	Parallel symposium			
Time	Medical Technology (fl.8) 801	Physical Therapy (fl.7) 701	Nutrition and Dietetics (fl.7) 702	Radiological Technology (fl.8) 803
10:30-11:15	MT1: Associate Professor Dr. Matthew Blunt University of Southampton, UK <i>Harnessing Natural Killer Cells for Safer and More Effective Cancer Immunotherapy</i>	PT1: Professor Dr. Hsing-Kuo Wang National Taiwan University, Taiwan <i>The Effects of Aging on the Morphomechanical Characteristics of the Myotendinous Complex and Their Clinical Implications</i>	ND1: Associate Professor Dr. Jane Muir Monash University, Australia <i>From Theory to Practice: The Dietitian’s Role in Delivering the Low FODMAP Diet for IBS</i>	RT1: Assistant Professor Dr. Takahiro Nakamoto, Hokkaido University, Japan <i>Dosimics: Emerging novel dosimetric analysis for evaluating radiotherapy outcomes</i>
11:15-12:00	MT2: Professor Dr. Tsukuru Umemura International University of Health and Welfare Clinical Laboratory, Kouhoukai Takagi Hospital, Japan <i>Profile analysis of circulating EVs and microRNAs in human diseases</i>	PT2: Associate Professor Dr. Maria Justine @ Stephany Universiti Teknologi MARA, Malaysia <i>Muscle Matters in Age-Related Sarcopenia: A Precision Approach to Restoring Strength and Preserving Independence</i>	ND2: Associate Professor Dr. Ben Hanson University College London, UK <i>Mechanics of the Swallowing Process and Dysphagia Diet</i>	RT2: Professor Dr. Jeng-Yuan Chiou Chung Shan Medical University, Taiwan <i>Real-world Assessment of Reinfection with SARS-CoV-2: Implications for Vaccines</i>
12:00-13:00	Lunch Booths and Poster session			
13:00-13:45	MT3: Assistant Professor Dr. Yong-Fei Wang The Chinese University of Hong Kong, Shenzhen, China <i>Impact of Genotype Imputation on Disease Risk Prediction in East and Southeast Asian Populations</i>	PT3: Associate Professor Dr. Tsuyoshi Asai Kansai Medical University, Japan <i>Fall Prevention in super-aged society</i>	ND3: Professor Dr. Jing-Hsien Chen Chung Shan Medical University, Taiwan <i>The Medicinal and Health Benefits of Lotus Seedpod Extract</i>	RT3: Assistant Professor Dr. Vincent W. S. Leung The Hong Kong Polytechnic University, China <i>AI in Radiotherapy</i>
13:45-14:30	MT4: Dr.Hanako Fukano National Institute of Infectious Diseases, Japan <i>Emerging Trends in Nontuberculous Mycobacteria (NTM) in Japan and Innovative Approaches to Drug Screening</i>	PT4: Associate Professor Dr. Atsushi Sawada Health Sciences University of Hokkaido, Japan <i>A Multidisciplinary Approach with Nutrition and Rehabilitation: The Expanding Role of Physical Therapists in Japan</i>	ND4: Dr.Chen Seong Ting IMU University, Malaysia <i>The Art and Science of Nutrition-Focused Physical Examination (NFPE)</i>	RT4: Associate Professor Dr. Shuichi Shiratori Faculty of Medicine Siriraj Hospital, Thailand <i>Cutting-Edge Advancements and Emerging Trends in Theranostics for Personalized Medicine</i>
14:30-14:45	Coffee break Booths and Poster session			
14:45-15:15	MT5: Professor Dr. Gyorgy Hutvagner University of Technology Sydney, Australia <i>Novel pan cancer diagnostics, and prognostic markers in ACC and developing a targeted therapy for neuroendocrine tumours.</i>	PT5: Dr. Takahiro Abe Department of Physical Therapy, School of Rehabilitation Sciences,Health Sciences University of Hokkaido, Japan <i>The state of the art and problems of cardiac rehabilitation in Japan</i>	ORMT1 Dr. Chanachai Sae-Lee Faculty of Medicine Siriraj Hospital, Mahidol University <i>Epigenetic Biomarkers of Ageing: Bridging Molecular Insights and Clinical Applications</i>	RT5: Professor Dr. Naoki Hayashi Fujita Health University, Japan <i>Recent advances and clinical implementation of surface guided radiation therapy</i>
15:15-15:45	MT6: Associate Professor Dr. Yusuf Ali Lee Kong Chian School of Medicine, Nanyang Technical University, Singapore <i>How Dietary Fats Shape Type-2 Diabetes Mellitus Pathogenesis</i>	PT6: Dr. Fatim Tahirah Mirza Universiti Teknologi MARA, Malaysia <i>Exercise Tolerance Tests in Cardiorespiratory Physiotherapy: Beyond the Six-Minute Walk Test</i>	ND5: Associate Professor Dr. Wong Kah Hui Universiti Malaya, Malaysia <i>Antidepressant-like effects of Hericium erinaceus, the lion’s mane mushroom</i>	RT6: Lecturer Dr. Takaaki Yoshimura Faculty of Health Sciences, Hokkaido University, Japan <i>Artificial Intelligence for MR-guided radiation therapy</i>
15:45-16:15	MT7: Assistant Professor Dr. Tewin Tencomnao Faculty of Allied Health Sciences, Chulalongkorn University <i>Anti-neurotoxic and anti-ageing effects and mechanisms of natural products for future applications</i>	PT7: Professor Dr. Prawit Janwantanakul Department of Physical Therapy Faculty of Allied Health Sciences Chulalongkorn University <i>How Thai physical therapists tackle Aged society?</i>	ND6: Dr. Jahangir Bin Kamaldin Department of Toxicology, Advanced Medical & Dental Institute, Universiti Sains Malaysia <i>Guidance on the Safe Use of Manufactured Nanomaterials in Food and Feed Consistent with the WHO One Health</i>	RT7: Associate Professor Dr. Ping-Huei Tsai Department of Medical Imaging and Radiological Sciences, Chung Shan Medical University, Taiwan <i>Radial T2* Mapping for Early Detection of Meniscal Degeneration in Knee Osteoarthritis</i>
16:15-16:45	Booths and Poster session (fl.7-8)			
16:45-18:00	Collaboration meeting (fl.20) For invited guests only			
18:00-20:00	Welcome dinner (fl.20) For invited guests only			

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9.00-10.00	MT8: Dr. Thidathip Wongsurawat Division of Medical Bioinformatics, Mahidol University <i>Advanced in HLA Genotyping Using Long-read Sequencing</i>	PT8: Associate Professor Dr. Jarugool Tretriluxana Faculty of Physical Therapy, Mahidol University, Thailand <i>Future Trends of Physical Therapy</i>	ND7: Dr. Bhagawat Tangjaturonrasme Phramongkutklo Hospital <i>Optimizing Perioperative Outcomes: Nutrition in ERAS Protocols</i>	RT8: Associate Professor Dr. Kitiwat Khamwan Chulalongkorn University, Thailand <i>Dosimetry for Personalized Molecular Radiotherapy: Optional or Essential?</i>
10.00-10.10	MT9: Associate Professor Dr. Panan Ratthawongjirakul Chulalongkorn University, Thailand <i>From benchwork to breakthroughs: innovations in TB diagnosis in the medical laboratory</i>	Oral Presentation	ND8: Assistant Professor Dr. Tippawan Siritientong Faculty of Pharmaceutical Sciences, Chulalongkorn University <i>The Updated Guide to Drug–Nutrient Interactions</i>	RT9: Assistant Professor Dr.Gina Bouchard Department of Pharmaceutical Sciences, University of Colorado – Anschutz Medical Campus, USA <i>Spatiometabolic mapping of cytoarchitectural changes in lung adenocarcinoma following radiotherapy (Online)</i>
		ORPT1: NURHAZRINA Noordin <i>Impact of 4 Weeks of Physiotherapy-Led Integrated Care of Older People (PTICOPE) on Quality of Life among Community-Dwelling Older Adults with Intrinsic Capacity Decline: A Randomized Control Trial</i>		
10.10-10.20		ORPT2: Thanakorn Angkurasiripaiboon <i>Reliability of a Wearable Inertial Sensor for Gait Assessment in Moderate Parkinson’s Disease</i>		
10.20-10.30		ORPT3: SITI HAJAR AQILAH HAMRAH <i>Functional and Cognitive Performances as Predictors of Quality of Life in Stroke Survivors: A 3-Month Prospective Cohort Study</i>		
10.30-10.40		ORPT4: Peemavit Apimonbutr <i>A Wearable System Using Micro:bit and Machine Learning to Monitor Elderly Exercise Posture</i>		
10.40-10.50		ORPT5: Yusfina Yusfina <i>The Role of Lower Limb Muscle Strength in Gait Pattern Variations among Older Adults</i>		
10.50-11.00	ORPT6: Andi Rizky Arbaim Hasyar <i>Impact of upper back brace on postural alignment in bankers with non-specific neck pain</i>			
11:00-11:15	Coffee break Booths and Poster session			
11:15-11:25	ORMT2: Associate Professor Dr. Busadee Pratumvinit Faculty of Medicine Siriraj Hospital, Mahidol University <i>Association Between Active B12, Vitamin B12, Folate, Vitamin B6, Homocysteine, and Methylmalonic Acid in an Elderly Population</i>	ORPT7:Muhammad Awais Tassarar <i>Impact of upper back brace on postural alignment in bankers with non-specific neck pain</i>	ND9: Associate Professor Dr.Narisorn Lakananurak Faculty of Medicine, Chulalongkorn Hospital <i>Nutrition Management in Liver and Pancreatic Diseases</i>	ORRT 1 Dr. Sararas Khongwirotphan Faculty of Allied Health Sciences, Chulalongkorn University <i>Unlocking Hidden Patterns: How Radiomics Advances Precision Health in Cancer Care and Beyond</i>
11:25-11:35	ORMT3: Dr. Navaporn Worasilchai Faculty of Allied Health Sciences, Chulalongkorn University <i>Transforming Medical Technology Education: AI-Driven Simulation for Bridging Theory and Practice to Enhance Clinical Competency and Patient Safety</i>	ORPT8: Weerapong Tepkaew <i>Correlation between postural control and forward head posture in typically developing children aged 7 to 10 years</i>		
11:35-11:45	ORMT4: Dr. Sadeep Medhasi Faculty of Allied Health Sciences, Chulalongkorn University <i>Human vascular pythiosis: what do we know and where are we heading?</i>	ORPT9: Nipaporn Akkarakittichoke <i>Effects of Postural Shifting Frequency on Perceived Musculoskeletal Discomfort During 1-Hour Sitting in Office Workers</i>		
11:45-11:55	ORMT5: Mr. Wudtipong Vongthip Faculty of Allied Health Sciences, Chulalongkorn University <i>EFFECTS AND MECHANISMS OF ALBIZIA LEBBECK (L.) BENTH LEAF EXTRACTS ON OXIDATIVE STRESS RESISTANCE, ANTI-AGING AND LONGEVITY</i>	ORPT10: Somnuek Songvanich <i>Effects of Motor Imagery Training on Sit-to-Walk Performance in Children with Spastic Cerebral Palsy: A Pilot Study</i>		
11:45-12:05	ORMT6: Dr. Sunita Nilkhet Department of Medical Technology, Faculty of Allied Health Sciences, Thammasat University <i>Anti-Tumor Effects of Auricularia polytricha on Breast Cancer Cells and Microenvironment</i>	Award Annoucement & Closing Ceremony Physical Therapy (fl.7) 701		
12.05-12:15	Award Annoucement & Closing Ceremony Medical Technology (fl.8) 801		Award Annoucement & Closing Ceremony Nutrition and Dietetics (fl.7) 702	Award Annoucement & Closing Ceremony Radiological Technology (fl.8) 803