

Name List of Presenter

AHR-iCON 2025 INTERNATIONAL CONFERENCE

The 4th Annual Health Research International Conference 2025

Shaping the future: Innovation, Health, and Well-being

October 9-10th, 2025

Faculty of Medicine, Prince of Songkla University

Oral presentation

Topic	Code	Title	Presenter
Precision Medicine/Clinical Medicine	O001	Knowledge, attitudes, and practices of enhanced recovery after surgery among registered nurses in a university hospital: A cross-sectional study	Miss Surangkana Ongsakul
Precision Medicine/Clinical Medicine	O002	The risk of peroneal nerve injury in all-inside lateral meniscal repair through the popliteus tendon using five different needle designs: A cadaveric study	Miss Panpaporn Asavanapakas
Precision Medicine/Clinical Medicine	O003	Real-World Effectiveness of Once-Weekly Semaglutide Injection in Type 2 Diabetes: A Retrospective Study	Mr. Supanut Sereeeaphinan
Precision Medicine/Clinical Medicine	O004	Identification of prognostic markers for predicting recurrence and progression of non-muscle invasive urothelial carcinoma via bioinformatic analysis	M.D. Thitawan Chimpalee
Data Science/Digital Health	O005	SkinSight AI-Enhanced Early Detection and Classification of Skin Cancer Using Image-Based Deep Learning Models	Mr. Punyapat Sengdonprai
Data Science/Digital Health	O006	Fusion of Thermal and Multispectral Diabetic Foot Ulcer Imaging with AI for Non-Invasive Healthcare Monitoring	Mr. Chakrin Techaboonsermsak
Data Science/Digital Health	O007	Fusion of X-ray Imaging and Motion Analysis using Dual Deep Learning Models for Comprehensive Knee Osteoarthritis Assessment	Mr Nathan Malisuwan
Health System & Policy/Global Health	O008	Prevalence of cannabis use, health consequences, and harm to others from cannabis use among undergraduate students one year after medical cannabis legalization	Ms. Chutinan Sukkua

Health System & Policy/Global Health	0009	Nonlinear interaction between social capital and adverse childhood experiences on suicide among adolescents: A cusp catastrophe modeling analysis	Ms. Jingyi Yan
Health System & Policy/Global Health	0010	Assessing the relationships between diet, sports and anthropometric indicators of elementary school students in Vietnam using Structural Equation Modeling	Mr. Lê Bá Giang
Health System & Policy/Global Health	0011	Rubella Vaccination Acceptance in Bangladesh: Exploring Young Female Adults' Willingness for Self and Child as a Policy Guidance	Mr. Md. Nuruzzaman
Health System & Policy/Global Health	0012	Stakeholder perspective on interventions and health system barriers for childhood vaccination in urban slum of Bangladesh: A qualitative study	Mr. Kazi Salahin
Precision Medicine/Clinical Medicine	0013	Increased Expression of Fibrinogen Alpha Chain Enhances the Response to Cisplatin and Gemcitabine Doublet Chemotherapy in A549 Lung Adenocarcinoma Cell Line	Ms. Wirawan worakit
Precision Medicine/Clinical Medicine	0014	Regional and subphase gait analysis for foot loading characteristics of post-stroke patients and healthy participants	Miss Prangnapas Kongneam
Precision Medicine/Clinical Medicine	0015	Evaluation of the Radioprotective Effects of Curcumin Derivatives on Ionizing Radiation-Induced Damage in Normal Human Breast Epithelial Cells	Miss Pimlapas Suravee
Precision Medicine/Clinical Medicine	0016	Genetic Architecture of Pubertal Disorders Revealed by Whole-exome Sequencing	Mr. Natthapon Khongcharoen
Medical Innovation	0017	Line-Based mHealth for Integrated Care in Chronic Heart Failure: Impact	Mrs. Chantana Charoensin

		on Emergency Visits, Hospitalizations, and Quality of Life in Thailand	
Medical Innovation	O018	Silk fibroin incorporated with disaccharide to organize morphological construction of wound dressing; fabrication, characterization, physical performance	Mr. Nitikorn Phattanee
Medical Innovation	O019	Effective Mobile Application for Reducing OSL Placement Errors and Enhancing Safety at Songklanagarind Hospital CCL, Thailand	Mrs. Kanchana Saeheng
Medical Innovation	O020	Virtual Reality Intervention During Hysteroscopy: A Novel Approach to Enhancing Parasympathetic Response	Miss Preyahathai Aroonvanichporn
Climate change	O021	Correlation between exposure to PM2.5 and incidence of acute exacerbation of chronic obstructive pulmonary disease in Health Region 12, Thailand A retrospective study with time series analysis	Ms. Proudphisooth Wongprakornkul
Climate change	O022	Effect of Air pollution on Natural Death in Southern Thailand; A Case-Crossover Study	Ms. Natthaya Bunplod
Climate change	O023	Impact of Meteorological Factors and Air Quality Index on COVID-19 Incidence in Pekanbaru, Indonesia: A Three-Year Data Analysis (2020-2023)	Mr. Suyanto Suyanto
Emerging Infectious/Diseases	O024	<i>In silico</i> analysis of apigenin and luteolin as dual inhibitors of dengue virus serotype 2 NS2B/NS3 protease and host C-type lectin receptor	Miss Siriwan Aroonrungreang
Emerging Infectious/Diseases	O025	One-year humoral immunogenicity of the SARS-CoV-2 mRNA vaccine booster in patients with autoimmune rheumatic disease receiving immunosuppressants	Mr. Wuttirote Sangchayoswat

Healthy aging	O026	Phloretin Inhibits Glucose Uptake in HepG2 Cells: In Vitro and Docking Insights	Miss Worarat Boonpech
Healthy aging	O027	Factors Predicting Ambulatory Status at Hospital Discharge After Fragility Hip Fracture Surgery: A Retrospective Cohort Study	Miss Thitirut Jongutchariya

Poster presentation

Topic	Code	Title	Presenter
Precision Medicine/Clinical Medicine	P001	The Association Between Bell's Palsy and Subsequent Diabetes Mellitus : A Retrospective Cohort Study	Mr. Suppanut Siriseth
Precision Medicine/Clinical Medicine	P002	The Impact of Invasive Coronary Angiography during admission in the Elderly with NSTEMI-ACS	Miss Hattaya Chutiphimon
Precision Medicine/Clinical Medicine	P003	The effect of Schroth method exercise on preoperative flexibility in AIS surgical candidates, a randomized controlled trial	Miss Yanin Tangjaroenpaisan
Precision Medicine/Clinical Medicine	P004	Association of in-hospital guideline-directed medical treatment score and mortality in post-myocardial infarction patients with LV dysfunction; A single-center retrospective study	Mr. Knokpit Wattanapaiboon
Precision Medicine/Clinical Medicine	P005	Glucocorticoid-Induced Hyperglycemia in Hospitalized Non-Diabetic Patients A retrospective cohort study	Miss Ruamporn Kansawai
Precision Medicine/Clinical Medicine	P006	Hematopoietic stem cell-derived natural killer cells for a potential alternative cell source for cancer immunotherapy	Miss Suppanut Komjakraphan

Precision Medicine/Clinical Medicine	P007	Normal reference range of skeletal muscle in healthy Thai population	Miss Samittha Fueangfupong
Precision Medicine/Clinical Medicine	P008	Lung Injury and Subclinical Respiratory Symptoms among Young Chinese Vapers: Evidence from Symptom Screening and Pulmonary Function Test	Ms. Chunxia He
Precision Medicine/Clinical Medicine	P009	Retrospective Cohort Study on Clinical Outcomes in Endogenous Cushing's Syndrome in Songklanagarind hospital (Pilot study prepare for A Multi-Center in Thailand)	Mr. Tawan Limamornrat
Precision Medicine/Clinical Medicine	P010	Adrenal Tumor Spectrum and Surgical Indications: A 10-Year Retrospective Study from Southern Thailand	Mr. Auttawut Chalermwuttanon
Precision Medicine/Clinical Medicine	P011	Predictors of Unfavorable Outcomes of In-Hospital Acute Ischemic Stroke: A Retrospective Case-control Study	Mr. Natthapong Chuaipitak
Precision Medicine/Clinical Medicine	P012	Heart failure prognostication from guideline-directed medical therapy	Mr. Chonlanat Puetpaiboon
Precision Medicine/Clinical Medicine	P013	Prevalence and Risk Factors of Acute Pancreatitis in Childhood Acute Leukemia	Dr Atchariya Chanpong
Precision Medicine/Clinical Medicine	P014	The Associations of Weight Reduction with Respiratory Function and Gas Exchange in Obesity Hypoventilation Syndrome: A Retrospective Study	Mr. Tawatchai Piathong
Precision Medicine/Clinical Medicine	P015	Prognostic implications of circulating cell-free DNA concentration and somatic mutation profiling in advanced prostate cancer	Mr. Sarawut Chamnina
Data Science/Digital Health	P016	Survival Outcome in Advanced Stage Cancer Patients: A Retrospective study on Impact of Consultation Approaches in Palliative Care	Miss Tanyalak Sanphiboon

Data Science/Digital Health	P017	Applying Large Language Models (LLMs) to Automatically Generate Hospital Discharge Summaries	Mr. Detphop Tanasanchonnakul
Data Science/Digital Health	P018	Correlation between National Early Warning Score and Acute Kidney Injury and outcome in Songklanagarind hospital	Mr. Jutinun Kittivarapong
Data Science/Digital Health	P019	Personalized and General Knowledge-Based Cognitive Engagement for Alzheimer's Patients Using AI-Generated Image and Word Prompts	Ms Thitirat Boriboonsri
Precision Medicine	P020	A Pilot Evaluation of a Culturally Tailored Virtual Reality Exposure Therapy Program for Social Anxiety in Thailand	Assoc.Prof. Warut Aunjitsakul
Medical Innovation	P021	AI-Based Multi-Classification of B12 Deficiency Using Deep Learning on Photographic Eye Images	Mr. Pannatat Wongbangpo
Medical Innovation	P022	Deep Learning AI Detection of Skin Rashes via Image Analysis	Miss Nutwaree Chanthavijaiikul
Medical Innovation	P023	Transforming Leftover Skin Specimens into an Ex Vivo Skin Culture Platform for Medical Innovation Development	Miss Phetploy Rungkamoltip
Medical Innovation	P024	A microfluidic biosensing platform for neutrophil gelatinase-associated lipocalin detection in acute kidney injury	Miss Kewarin Phonklam
Medical Innovation	P025	Modeling Nutrient and Oxygen Diffusion in 3D Cancer-on-a-chip platform using COMSOL Simulation	Mr. Kadbodee Pliphon
Medical Innovation	P026	Development of a Portable Troponin I Based Biosensor for Acute Myocardial Infarction Diagnosis	Miss Suwali Wichian