

# Conference Program

Day 1: Thursday, October 9, 2025	
08.30 – 09.00 hrs. ROOM: Auditorium	Registration
08.30 – 10.40 hrs. ROOM: Auditorium	<b>MC: Miss Satita Rongrodjanarug, Postdoc</b> Department of Epidemiology, Faculty of Medicine, Prince of Songkla University
09.00 – 09.10 hrs. 10 minutes ROOM: Auditorium	<b>Open Speech</b> <b>Prof. Sarunyou Chusri, M.D., Ph.D.</b> Vice Dean for Research and Innovation Affairs <b>Asst. Prof. Kittipong Riabroi, M.D., MSc.</b> Dean, Faculty of Medicine, Prince of Songkla University
09.10 – 09.55 hrs. 45 minutes include Q&A ROOM: Auditorium	<b>Keynote 1:</b> Climate Change -> Air Pollution -> Health Effects <b>Prof. Perapong Tekasakul, Ph.D.</b> Department of Mechanical and Mechatronics Engineering, Faculty of Engineering, Prince of Songkla University
09.55 – 10.40 hrs. 45 minutes include Q&A ROOM: Auditorium	<b>Keynote 2:</b> Dengue pathology and management of patients with warning signs <b>Dr. Chun-Yu Lin</b> Director of Infectious Diseases, Kaohsiung Medical University Hospital <b>Prof. Kamolwish Laoprasopwattana</b> Head of Department of Pediatric, Faculty of Medicine, Prince of Songkla University <b>Chair: Prof. Tippawan Liabsuetrakul</b> Head of Department of Epidemiology, Faculty of Medicine, Prince of Songkla University
10.40 – 11.30 hrs. 50 minutes include Q&A	<b>Coffee Break and Poster Presentation Session A &amp; B (Precision Medicine/Clinical Medicine)</b>



	Session A	Session B	
10:40 – 10:45 hrs.	<b>P001</b> The Association Between Bell's Palsy and Subsequent Diabetes Mellitus: A Retrospective Cohort Study / <b>Mr. Suppanut Siriseth</b>	<b>P009</b> Retrospective Cohort Study on Clinical Outcomes in Endogenous Cushing's Syndrome in Songklanagarind hospital (Pilot study prepared for A Multi-Center in Thailand) / <b>Mr. Tawan Limamornrat</b>	
10:45 – 10:50 hrs.	<b>P002</b> The Impact of Invasive Coronary Angiography during admission in the Elderly with NSTEMI-ACS / <b>Miss Hattaya Chutipimon</b>	<b>P010</b> Adrenal Tumor Spectrum and Surgical Indications: A 10-Year Retrospective Study from Southern Thailand / <b>Mr. Auttawut Chalermwuttanon</b>	
10:50 – 11:55 hrs.	<b>P003</b> The Effect of Schroth Method Exercise on preoperative Flexibility in AIS Surgical Candidates: A Randomized Controlled Trial / <b>Miss Yanin Tangjaroenpaisan</b>	<b>P011</b> Predictors of Unfavorable Outcomes of In-Hospital Acute Ischemic Stroke: A Retrospective Case-control Study / <b>Mr. Natthapong Chuaipitak</b>	
11:55 – 11:00 hrs.	<b>P004</b> Association of Inhospital Guideline-directed Medical Treatment Scores and Mortality in Post-myocardial Infarction Patients with LV Dysfunction; A Single Center Retrospective Study / <b>Mr. Knokpit Wattanapaiboon</b>	<b>P012</b> Heart failure prognostication from guideline-directed medical therapy / <b>Mr. Chonlanat Puetpaiboon</b>	
11:00 – 11:05 hrs.	<b>P005</b> Glucocorticoid-Induced Hyperglycemia in Hospitalized Non-Diabetic Patients: A Retrospective Cohort Study / <b>Miss Ruamporn Kansawai</b>	<b>P013</b> Prevalence and Risk Factors of Acute Pancreatitis in Childhood Acute Leukemia / <b>Miss Kamonluk Thepuatrakul</b>	
11:05 – 11:10 hrs.	<b>P006</b> Hematopoietic Stem Cell-derived Natural Killer Cells: A Potential Alternative Cell Source for Cancer immunotherapy / <b>Miss Suppanut Komjakraphan</b>	<b>P014</b> Associations of Weight Reduction with Respiratory Function and Gas Exchange in Obesity Hypoventilation Syndrome: A Retrospective Study / <b>Mr. Tawatchai Piathong</b>	



11:10 – 11:15 hrs.	<b>P007</b> Normal Reference Range of Skeletal Muscle in Healthy Thai Population / <b>Miss Samittha Fueangfupong</b>	<b>P015</b> Prognostic Implications of Circulating Cell-free DNA Concentration and Somatic Mutation Profiling in Advanced Prostate Cancer / <b>Mr. Sarawut Chamnina</b>	
11:15 – 11:20 hrs.	<b>P008</b> Lung Injury and Subclinical Respiratory Symptoms among Young Chinese Vapers: Evidence from Symptom Screening and Pulmonary Function Tests / <b>Miss Chunxia He</b>		
11:30 – 13:45 hrs.	<b>MC: Mr. Prem Kumar Neopanay, M.Sc. Candidate</b> Department of Epidemiology, Faculty of Medicine, Prince of Songkla University		
11:30 – 12:05 hrs. 35 minutes include Q&A	<b>Invited Speaker 1:</b> The role of WGS in the control of hospital-acquired bacterial infections <b>Prof. Prasit Palittapongarnpim, M.D., Ph.D.</b> Department of Microbiology, Faculty of Science, Mahidol University		
12:05 – 13:00 hrs.	<b>Lunch</b>		
13:00 – 13:45 hrs. 45 minutes, include Q&A ROOM: Auditorium	<b>Keynote 3:</b> Food Sciences & Healthy Aging <b>Professor Emilie Combet Aspray</b> Professor of Human Nutrition (Medicine) School of Medicine, Dentistry & Nursing, Human Nutrition University of Glasgow		
13:45 – 14:45 hrs. include Q&A	<b>Oral Presentation Session 1</b>		
	<b>ROOM 1: Precision Medicine/Clinical Medicine</b> <b>Chair:</b> Assoc. Prof. Dr. Pritsana Raungrut <b>Co-chair:</b> Asst. Prof. Dr. Pasarat Khongkow <b>Committee:</b> 1. Dr. Padiporn Limumpornpetch, M.D. 2. Assoc. Prof. Dr. Raphatphorn Navakanitworakul	<b>ROOM 2: Data Science/Digital Health</b> <b>Chair:</b> Asst. Prof. Dr. Chanon Kongkamol, M.D. <b>Co-chair:</b> Asst. Prof. Dr. Kittinun Leetanaporn, M.D. <b>Committee:</b> 1. Assoc. Prof. Dr. Sarayut Lucien Geater, M.D. 2. Dr. Rassanee Bissanum	<b>ROOM 3: Health System &amp; Policy/Global Health</b> <b>Chair:</b> Prof. Kamolwish Laoprasopwattana, M.D. <b>Co-chair:</b> Assoc. Prof. Phoomjai Sornsenee, M.D. <b>Committee:</b> 1. Asst. Prof. Teerapat Teetharatkul, M.D. 2. Asst. Prof. Ponlagrit Kumwichar, M.D.



13:45 – 14:00 hrs.	<b>O001</b> Knowledge, Attitudes, and Practices of Enhanced Recovery After Surgery Among Registered Nurses in a University Hospital: A Cross-sectional Study / <b>Miss Surangkana Ongsakul</b>	<b>O005</b> Skin-Sight: AI-Enhanced Early Detection and Classification of Skin Cancer, Using Image-Based Deep Learning Models / <b>Mr. Punyapat Sengdonprai</b>	<b>O008</b> Prevalence of Cannabis use, Health Consequences and Harm to others from Cannabis use Among Undergraduate Students One Year after Medical Cannabis Legalization / <b>Miss Chutinan Sukkua</b>
14:00 – 14:15 hrs.	<b>O002</b> Risk of Peroneal Nerve Injury in All-inside Lateral Meniscal Repair through the Popliteus Tendon using Five Different Needle Designs: A Cadaveric Study / <b>Miss Panpaporn Asavanapakas</b>	<b>O006</b> Fusion of Thermal and Multispectral Diabetic Foot Ulcer Imaging with AI, for Non-Invasive Healthcare Monitoring / <b>Mr. Chakrin Techaboonsermsak</b>	<b>O010</b> Assessing the Relationships between Diet, Sports and Anthropometric Indicators of Elementary School Students in Vietnam using Structural Equation Modeling / <b>Mr. Lê Bá Giang</b>
14:15 – 14:30 hrs.	<b>O003</b> Real-World Effectiveness of Once-Weekly Semaglutide Injections in Type 2 Diabetes: A Retrospective Study / <b>Mr. Supanut Sereephinan</b>		<b>O011</b> Rubella Vaccination Acceptance in Bangladesh: Exploring Young Female Adults’ Willingness for Self and Child as Policy Guidance / <b>Mr. Md. Nuruzzaman</b>
14:30 – 14:45 hrs.	<b>O004</b> Identification of Prognostic Markers for Predicting Recurrence and Progression of Non-muscle Invasive Urothelial Carcinoma, via Bioinformatic Analysis / <b>Miss Thitawan Chimpalee</b>		<b>O012</b> Stakeholder Perspective on the Barriers of Interventions for Childhood Vaccination in Urban Slums of Bangladesh: A Qualitative Study / <b>Mr. Kazi Salahin</b>
14.45 – 15.35 hrs.	<b>Coffee Break and Poster Presentation Session B (Data Science/Digital Health &amp; Medical Innovation)</b>		
14:45 – 14:50 hrs.	<b>P016</b> Survival Outcomes in Advanced Stage Cancer Patients: A Retrospective Study on the Impact of Consultation Approaches in Palliative Care / <b>Miss Tanyalak Sanphiboon</b>	<b>P019</b> Personalized and General Knowledge-Based Cognitive Engagement for Alzheimer’s Patients Using AI-Generated Image and Word Prompts / <b>Miss Thitirat Boriboonsri</b>	
14:50 – 14:55 hrs.	<b>P017</b> Applying Large Language Models (LLMs) to Automatically Generate Hospital Discharge Summaries / <b>Mr. Detphop Tanasanchonnakul</b>	<b>P020</b> A Pilot Evaluation of a Culturally Tailored Virtual Reality Exposure Therapy Program for Social Anxiety in Thailand / <b>Assoc. Prof. Warut Aunjitsakul</b>	



14:55 – 15:00 hrs.	<b>P018</b> Correlation between the National Early Warning Score and Acute Kidney Injury and Outcomes in Songklanagarind hospital / <b>Mr. Jutinun Kittivarapong</b>	<b>P021</b> AI-Based Multi-Classification of B12 Deficiency Using Deep Learning on Photographic Eye Images / <b>Mr. Pannatat Wongbangpo</b>	
15:00 – 15:05 hrs.		<b>P022</b> Deep Learning AI Detection of Skin Rashes, via Image Analysis / <b>Miss Nutwaree Chanthavijaikul</b>	
15:05 – 15:10 hrs.		<b>P024</b> A Microfluidic Biosensing Platform for Neutrophil Gelatinase-associated Lipocalin Detection in Acute Kidney Injury / <b>Miss Kewarin Phonklam</b>	
15:10 – 15:15 hrs.		<b>P025</b> Modeling Nutrient and Oxygen Diffusion in 3D Cancer on-a-chip Platform, using COMSOL Simulation / <b>Mr. Kadbodee Pliphon</b>	
15:15 – 15:20 hrs.		<b>P026</b> Development of a Troponin I Based Biosensor, for Acute Myocardial Infarction Diagnosis / <b>Miss Suwali Wichian</b>	
15.35 – 16.35 hrs. include Q&A	<b>Oral Presentation Session 2</b>		
	<b>ROOM 1: Precision Medicine/Clinical Medicine</b> <b>Chair:</b> Assoc. Prof. Dr. Pritsana Raungrut <b>Co-chair:</b> Asst. Prof. Dr. Pasarat Khongkow <b>Committee:</b> Dr. Rassanee Bissanum	<b>ROOM 2: Medical Innovation</b> <b>Chair:</b> Asst. Prof. Dr. Wanwara Thuptimrang <b>Co-chair:</b> Assoc. Prof. Dr. Tonghathai Phairatana <b>Committee:</b> 1. Prof. Dr. Pornchai Phukpattaranont 2. Dr. Jermphiphut Jaruenpunyasak	<b>ROOM 3: Climate Change</b> <b>Chair:</b> Suebsai Varopichetsan, M.D., MSc. <b>Co-chair:</b> Assoc. Prof. Dr. Racha Dejchanchaiwong <b>Committee:</b> 1. Dr. Thanathip Limna 2. Assoc. Prof. Dr. Apiradee Saelim



15:35 – 15:50 hrs.	<b>O013</b> Increased Expression of Fibrinogen Alpha Chain Enhances the Response to Cisplatin and Gemcitabine Doublet Chemotherapy in A549 Lung Adenocarcinoma Cell Line / <b>Miss Wirawan Worakit</b>	<b>O018</b> Silk Fibroin Incorporated with Disaccharide to Organize Morphological Construction of Wound Dressing; Fabrication, Characterization, Physical Performance / <b>Mr. Nitikorn Phattanee</b>	<b>O021</b> Correlation between Exposure to PM2.5 and Incidence of Acute Exacerbation for Chronic Obstructive Pulmonary Disease in Health Region 12, Thailand: A Retrospective Study with Time Series Analysis / <b>Miss Proudphisooth Wongprakornkul</b>
15:50 – 16:05 hrs.	<b>O014</b> Regional and Subphase Gait Analysis for Foot Loading Characteristics of Post-stroke Patients and Healthy Participants / <b>Miss Prangnapas Kongneam</b>	<b>O020</b> Virtual Reality Intervention During Hysteroscopy: A Novel Approach to Enhancing Parasympathetic Responses / <b>Miss Preyahathai Aroonvanichporn</b>	<b>O022</b> Effects of Air Pollution on Natural Deaths in Southern Thailand; A Case-Crossover Study / <b>Miss Natthaya Bunplod</b>
16:05 – 16:20 hrs.	<b>O015</b> Evaluation of the Radioprotective Effects of Curcumin Derivatives on Ionizing Radiation-Induced Damage in Normal Human Breast Epithelial Cells / <b>Miss Pimlapas Suravee</b>	<b>O028</b> Transforming Leftover Skin Specimens into an Ex Vivo Skin Culture Platform for Medical Innovation Development / <b>Miss Phetploy Rungkamoltip</b>	<b>O023</b> Impact of Meteorological Factors and Air Quality Index on COVID-19 Incidence in Pekanbaru, Indonesia: A Three-Year Data Analysis (2020–2023) / <b>Mr. Suyanto Suyanto</b>
16:20 – 16:35 hrs.	<b>O016</b> Genetic Architecture of Pubertal Disorders Revealed by Whole-exome Sequencing / <b>Mr. Natthapon Khongcharoen</b>		
18.00 – 20.00 hrs.	<b>Welcome Dinner</b>		





Day 2: Friday, October 10, 2025			
08.30 – 09.00 hrs. ROOM: Auditorium	<b>Registration</b>		
09.00 – 10.20 hrs.	<b>MC: Ms. Khin Oo Mon, MSc. Candidate</b> Department of Epidemiology, Faculty of Medicine, Prince of Songkla University		
09.00 – 09.45 hrs. 45 minutes, include Q&A ROOM: Auditorium	<b>Plenary session:</b> The Chemical and cellular basis of drug hypersensitivity reactions <b>Professor Dean Naisbitt</b> Institute of Systems, Molecular & Integrative Biology, Faculty of Health and Life Sciences, University of Liverpool <b>Moderator:</b> Asst. Prof. Kanoot Jaruthamsophon, M.D.		
09.45 – 10.20 hrs. 35 minutes, include Q&A ROOM: Auditorium	<b>Invited Speaker 2:</b> Nucleic Acid–Based In Vitro Diagnostics: Research and Development at K–MEDI Hub <b>Dr. Jeewoong Park</b> Daegu–Gyeongbuk Medical Innovation Foundation (KMEDIhub)		
10.20 – 11.10 hrs.	<b>Coffee Break</b>		
11.10 – 11.40 hrs. include Q&A	<b>Oral Presentation Session 3</b>		
	<b>ROOM 1: Emerging Infectious Disease</b> <b>Chair:</b> Asst. Prof. Dr. Kamonnut Singkhamanan <b>Co–chair:</b> Dr. Ampapan Naknaen <b>Committee:</b> 1. Asst. Prof. Dr. Mingkwan Yingkajorn 2. Asst. Prof. Dr. Rachanida Praparatana	<b>ROOM 2: Healthy Aging</b> <b>Chair:</b> Assoc. Prof. Dr. Varomyalin Tipmanee <b>Co–chair:</b> Dr. Theerawat Dobutr <b>Committee:</b> 1. Asst. Prof. Dr. Kasemsiri Chandarajoti 2. Assoc. Prof. Thareerat Ananchaisarp, M.D.	
11:10 – 11:25 hrs.	<b>O024</b> <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 / <b>Miss Siriwan Aroonrungreang</b>	<b>O026</b> Phloretin Inhibits Glucose Uptake in HepG2 Cells: <i>In Vitro</i> and Docking Insights / <b>Miss Worarat Boonpech</b>	



11:25 – 11:40 hrs.	<b>O025</b> One-year Humoral Immunogenicity of the SARS-CoV-2 mRNA Vaccine Booster in Patients with Autoimmune Rheumatic Disease Receiving Immunosuppressants / <b>Mr. Wuttirote Sangchayoswat</b>	<b>O027</b> Factors Predicting Ambulatory Status at Hospital Discharge After Fragility Hip Fracture Surgery: A Retrospective Cohort Study / <b>Miss Thitirut Jongutchariya</b>	
12.00–13.00 hrs.	<b>Lunch</b>		
13.00 – 14.30 hrs. ROOM: Auditorium	<b>MC: Mr. Songyos Rajborirug, Lecturer</b> Department of Epidemiology, Faculty of Medicine, Prince of Songkla University		
	Closing Remarks and certificate presentation <b>Prof. Sarunyou Chusri, M.D., Ph.D.</b> Vice Dean for Research and Innovation Affairs <b>Asst. Prof. Kittipong Riabroi, M.D., MSc.</b> Dean, Faculty of Medicine, Prince of Songkla University		

