

Day 1: August 29, 2024			
09.00-09.10 ROOM: Vicharn Panich	MC: Mr. Kemmapon Chumchuen, Lecturer Department of Clinical Research and Medical Data Science, Faculty of Medicine, PSU		
	Open Speech		
09.10-09.55 ROOM: Vicharn Panich (Onsite)	MC: Mr. Kemmapon Chumchuen		
	Topic: Autophagy: a key regulator of lysosomal homeostasis and aging Keynote Speaker: Prof. Shuhei Nakamura Nara Medical University		
09.55-10.40 ROOM: Vicharn Panich (Onsite)	MC: Mr. Kemmapon Chumchuen		
	Topic: Combination of surface roughness modification, pneumatic plaster stabilization and selective antithrombin grafting in a monolithic polymeric porous superhydrophobic material for blood-contacting biomedical applications Keynote Speaker: Assoc. Prof. Dr. Leo Hwa Liang (Deputy head for administrative & External relations) Department of Biomedical Engineering at the National University of Singapore (NUS)		
10.40-10.55	Break (Separate room) with Coffee break		
Oral Presentation 10.55-12.10 present : 8 min Q&A : 7 min	ROOM 1: Pantipya Sanguanchua Session 1	ROOM 2: Vicharn Panich Session 2	ROOM 3: Atirek Na Thalang Session 3
10.55-11.10	R1-1: Effects of 8-weeks of High-Intensity Interval Training versus Moderate-Intensity Continuous Training on Immune Response, Bone Metabolism Markers and Anaerobic Capacity in Physically Inactive Adults / <b>Muhammad Zuhaili Suhaimi (Online)</b>	R2-1: Precision Targeting: Exploring the Impact of SGLT2 Inhibitors on Chronic Kidney Disease via Network Pharmacology / <b>Attaphong Phongphithakchai (Onsite)</b>	R3-1: Historical, matched cohort study comparing time to discharge from recovery room between ultrasound-guided and conventional caudal anesthesia in pediatric surgery / <b>Sirikam Siripruekpong (Onsite)</b>
11.10-11.25	R1-2: Effects of Turmeric Supplementation and Strengthening Exercises on Knee Stiffness and Physical function among Knee Osteoarthritis Patients / <b>Bawani Ramakrishnan (Onsite)</b>	R2-2: Antibacterial activity of probiotic candidates Weisella confusa W1 and W2 against Stenotrophomonas maltophilia / <b>Ei Phway Thant (Onsite)</b>	R3-2: Lifestyle Modification Program with Meal Replacement for Weight Loss in People with Overweight and Obesity: A Randomized Controlled Trial / <b>Chaitong Churuangsuk (Onsite)</b>
11.25-11.40	R1-3: Analysis of Leukocyte Subsets and NK Cells Response Following 12-Week Intervention of Tabata and Bee Propolis in Sedentary Overweight Men / <b>Nik Siti Nik Zaid (Onsite)</b>	R2-3: Proteomic Insights into Seizure Manifestations in Astrocytoma Patients / <b>Thanakorn Khaosuan (Onsite)</b>	R3-3: Is unsupported arm elevation exercise safe in older individual who have hypertension? A case report. / <b>Chatchaya Jaimanee (Online)</b>
11.40-11.55	R1-4: Developing Prediction Models for Chronic Kidney Disease Progression in Diabetic Patients using Machine Learning Models / <b>Wasawat Apiromrak (Onsite)</b>	R2-4: MYD88 and CD79B mutations analysis from vitreous fluid cell-free DNA for diagnosis of primary vitreoretinal lymphoma: the preliminary result / <b>Siriwong Lattakanjanang (Onsite)</b>	R3-4: Efficacy of Silver Diamine Fluoride for Arresting Non-cavitated Lesions on Approximal Surfaces in Permanent Teeth / <b>Kunyarat Kunlaya (Online)</b>
11.55-12.10			R3-5: Effect of Switching from Prior Nucleos(t)ide Analogue(s) to Tenofovir Alafenamide on Lipid Profile and Cardiovascular Risk in Patients with Chronic Hepatitis B / <b>Witchayaporn Praguylertluck (Onsite)</b>
12.10-13.00	Lunch		
13.00-13.45 ROOM: Vicharn Panich (Onsite)	MC: Mr. Kemmapon Chumchuen		
	Topic: Estimation of direct economic disease burden of healthcare related infections and antimicrobial resistance in hospital setting Keynote Speaker: Prof. Hao Li School of Public Health, Wuhan University		
13.45-14.30	Forum (Innovation): Opportunities and challenges in healthcare innovation: Thailand's perspective Moderator: Assoc. Prof. Dr. Pittayapon Pitathawatchai Panelist: Asst. Prof. Dr. Akkharawit Kanjana-Opas		
14.30-14.45	Break (Separate room) with Coffee break		
Oral Presentation 14.45-15.45 present : 8 min Q&A : 7 min	ROOM 1: Pantipya Sanguanchua Session 5	ROOM 2: Vicharn Panich Session 6	ROOM 3: Atirek Na Thalang Session 7
14.45-15.00	R1-6: Deep Learning Application for Southern Thailand Cancer Registry: Enhancing Case finding and Data Abstraction / <b>Chanavee Toh (Onsite)</b>	R2-6: Correlation investigation of muscle activity during walking in stroke patients and healthy individuals: A preliminary study / <b>Thanita Sanghan (Onsite)</b>	R3-6: Mean arterial pressure/norepinephrine equivalent dose index trajectories in septic shock patients receiving low-dose hydrocortisone / <b>Sawangjit Saejaow (Onsite)</b>
15.00-15.15	R1-7: Steptify Biofeedback weight bearing portable device for patient with lower extremity fracture / <b>Mewika Nuchsir (Onsite)</b>	R2-7: In Silico and In Vitro Evaluations of Phloretin as a GLUT-2 Inhibitor in Hepatocellular Carcinoma Cell Line / <b>Worarat Boonpech (Onsite)</b>	R3-7: Comparison of accuracy of palliative prognostic tools (CPS, PPS, PPI, PaP score and D-PaP Score) in prediction 1 year survival / <b>Detphop Tanasanchonnakul (Onsite)</b>
15.15-15.30	R1-8: Accuracy and predictability of Hypotension Prediction Index in predicting hypotensive events in septic shock patients. / <b>Chinnawudh Sawee (Online)</b>	R2-8: Comparative Analysis of Aortic Structural Variation on Hemodynamics using Computational Fluid Dynamics / <b>Naruephat Yajai (Onsite)</b>	R3-8: Comparing the Efficacy of Perioperative Pain Control Between Intravenous Paracetamol and Oral Etoricoxib in ACL Reconstruction / <b>Phatklao Thanavirun (Onsite)</b>
15.30-15.45	R1-9: Evaluating Microleakage in Pediatric Zirconia Crowns with Two Luting Cements: An In Vitro Study / <b>Sukitta Lampinitkul (Online)</b>	R2-9: Development of an Antibody Targeting Variants of the SARS-CoV-2 Spike Protein / <b>Puridach Bubphamanee (Onsite)</b>	R3-9: The underlying causes of asymptomatic microscopic hematuria in outpatient's department after long term follow up / <b>Chidjan Prommajan (Onsite)</b>
15.45-18.00 ROOM: Vicharn Panich	HACKATHON 2024		

Day 2: August 30, 2024			
09.00-09.45 ROOM: Vicharn Panich (Onsite)	MC: Mr. Kemmapon Chumchuen		
	Topic: Translational Metabolomics in Health and Disease Keynote Speaker: Dr. Angela E Taylor Steroid Metabolome Analysis Core (SMAC) Institute of Metabolism and Systems Research, Medical School University of Birmingham, UK		
	Break (Separate room) with Coffee break		
	09.45-10.00		
10.00-10.30 present : 30 min	ROOM 1: Pantipya Sanguanchua	ROOM 2: Vicharn Panich	ROOM 3: Atirek Na Thalang
	MC: Mr. Chanavee Toh	MC: Ms. Dzenina Syanascara Rahari	MC: Ms. Thanita Sanghan
	Topic: Digital Health Ecosystem.	Topic : Epidemiology as a tool to catalyze interdisciplinary collaborations.	Topic: Development of academic CAR-T cell for sustainable cancer treatment in Thailand
	Invited Speaker	Invited Speaker	Invited Speaker
	Name: Asst. Prof. Thammasin Ingviya, M.D., Ph.D. Affiliation: Department of Family Medicine and Preventive Medicine, Faculty of Medicine, Prince of Songkla University	Name: Assoc. Prof. Wit Wichaidit, Ph.D. Affiliation: Department of Epidemiology, Faculty of Medicine Prince of Songkla University	Name: Asst. Prof. Supannikar Tawinwung, Ph.D Affiliation: Faculty of Pharmaceutical Sciences, Chulalongkorn University
Oral Presentation 10.30-12.00 present : 8 min Q&A : 7 min	Oral Presentation	Oral Presentation	Oral Presentation
10.30-10.45	R1-10: Efficacy of whitening toothpastes: analyzing color alteration, hardness, surface roughness, and volume loss in coffee-stained teeth / <b>Sukanya Samadolo</b> ( <a href="#">Onsite</a> )	R2-10: The association between Triglyceride to HDL-cholesterol ratio in Type II diabetes mellitus and extensive coronary heart vessel and high risk of coronary artery calcium score in computerized tomography coronary angiogram / <b>Supavit Maneenakarith</b> ( <a href="#">Onsite</a> )	R3-10: Genetic Underlying in Congenital Hypogonadotropic Hypogonadism: A Multicenter Study in Thailand / <b>Natthapon Khongcharoen</b> ( <a href="#">Onsite</a> )
10.45-11.00	R1-11: Herbal And Malaria In Indonesia: Bibliometric Analysis / <b>Kinanithi Sekarlit</b> ( <a href="#">Online</a> )	R2-11: Post COVID Functional Gastrointestinal Disorders (FGIDs) and risk factors: A retrospective cohort study during COVID pandemic / <b>Tanapol Kithavorn</b> ( <a href="#">Onsite</a> )	R3-11: Protein profiling of Butyrate-resistant colorectal cancer-derived exosomes shows potential resistance to anti-cancer drugs / <b>Kesara Nittayaboon</b> ( <a href="#">Onsite</a> )
11.00-11.15	R1-12: Impact of Physical Activity and Muscle Strength on Resting Metabolic Rate in Young Adults / <b>Marko Stojanović</b> ( <a href="#">Onsite</a> )	R2-12: Dyadic perspectives to pros and cons of advance care planning and readiness of family of older cancer patients to engage in the planning: a cross-sectional study / <b>Supakorn Sripaew</b> ( <a href="#">Onsite</a> )	R3-12: Novel potentially-targetable genes in cancer of unknown primary: A systematic review and an RNA-sequencing-based bioinformatic study / <b>Rawikant Kamolphiwong</b> ( <a href="#">Online</a> )
11.15-11.30	R1-13: Impact of Percutaneous Endoscopic Gastrostomy on Survival and Nutritional Outcomes in Head and Neck Cancer Patients: A 15-Year Retrospective Analysis / <b>Chanya Kaitsaksophon</b> ( <a href="#">Onsite</a> )	R2-13: Advantages of archery training to the balance ability, core strength and gait features in comparison to the sedentary population / <b>Rosniwati Ghafar</b> ( <a href="#">Online</a> )	R3-13: Unveiling Genetic Insights through Whole-Exome Sequencing and Bioinformatics: Analyzing Aggressive Hepatocellular Carcinoma in Southern Thai Patients Without Relevant Health Histories / <b>Yanisa Kiaewtanong</b> ( <a href="#">Onsite</a> )
11.30-11.45	R1-14: The Presence of Hard Tissue Barrier Over Time in Vital Pulp Therapy-treated Permanent Mandibular Molars / <b>Boonchanit Nophachatsathid</b> ( <a href="#">Online</a> )	R2-14: Association Between Socio-demographic Factors and the Perception and Use of the Healthier Choice Logo Among Thai Adults / <b>Jutamart Sutanangjai</b> ( <a href="#">Online</a> )	R3-14: Enhancing Respiratory Health Through Physical Fitness: A Study on Nature Enthusiasts at Universitas Muhammadiyah Purwokerto, Indonesia / <b>Alvina Jayanti</b> ( <a href="#">Online</a> )
11.45-12.00	R1-15: Caries classification in primary teeth on bitewing radiographs using deep learning-based convolutional neural network / <b>Natricha Nampim</b> ( <a href="#">Online</a> )	R2-15: The development and application of Virtual Social Ecological Model in investigating suicidal behaviors among vocational high school students in China / <b>Bin Yu</b> ( <a href="#">Onsite</a> )	R3-15: Structural Design and Selectivity Improvement of 5-fluorouracil Hybrid Drugs for Colorectal Cancer Treatment / <b>Mawaddah Billateah</b> ( <a href="#">Onsite</a> )
12.00-13.00	Lunch		
13.00-13.45 ROOM: Vicharn Panich (Onsite)	MC: Mr. Kemmapon Chumchuen		
	Topic: Investigating Molecular Mechanisms and Cellular Heterogeneity in Human Diseases using Single-cell Omics Keynote Speaker: Assoc. Prof. Varodom Charoensawan Faculty of Medicine Siriraj Hospital, Research Department and Department of Biochemistry Associate Professor		
	Break (Separate room) with Coffee break		
	13.45-14.05		
Oral presentation 14.05-15.05 present : 8 min Q&A : 7 min	ROOM 1: Pantipya Sanguanchua Session 10	ROOM 2: Vicharn Panich Session 11	ROOM 3: Atirek Na Thalang Session 12
14.05-14.20	R1-16: Nurses' Perspectives Toward Use of Intravenous Patient-Controlled Analgesia for the Management of Pain After Surgery: Content Analysis of Open-Ended Survey Questions / <b>Sirinapa Kongsak</b> ( <a href="#">Onsite</a> )	R2-16: Sodium reduction in food products with Thai local plants containing kokuimi compounds: Effect on consumer acceptance / <b>Phu Pwint Wai</b> ( <a href="#">Onsite</a> )	R3-16: Phenotypic and Genomic Analysis of Enterococcus thailandicus MEDPSU_PRO_001 isolated from Chicken Feces, a potential probiotic with aggregation ability / <b>Thanchanok Muangkaew</b> ( <a href="#">Onsite</a> )
14.20-14.35	R1-17: Protective effects of L-carnitine supplement combined with interval training on renal and liver markers among overweight and obese individuals / <b>Norsuriani Samsudin</b> ( <a href="#">Online</a> )	R2-17: Influence of Sodium Reduction Using KCL and MSG on the Nutritional Profile and Consumer Acceptability of Bhutanese Cheese Curries / <b>Tenzin Wangchuk</b> ( <a href="#">Onsite</a> )	R3-17: A Comprehensive Approach to Candidate Probiotic Screening through Nanopore Sequencing and Bioinformatic Analysis / <b>Jirasa Boonsan</b> ( <a href="#">Onsite</a> )
14.35-14.50	R1-18: Anti-bacterial, anti-biofilm, and anti-motility activities of micro-particles containing turmeric extract and chitosan against Vibrio cholerae / <b>Sirikan Suwannasin</b> ( <a href="#">Onsite</a> )	R2-18: Assessing Equity in the Spatial Distribution of the World Health Organization: A Quantitative Study / <b>Rong Jiang</b> ( <a href="#">Onsite</a> )	
14.50-15.05	R1-19: Molecular analysis of Chloroquine and Sulfadoxine/pyrimethamine resistant markers in Plasmodium falciparum isolated from three provinces in Southern Thailand / <b>Autchariya Thodsapol</b> ( <a href="#">Onsite</a> )		
15.05-15.10	Break (move to Kasem Limwongse)		
15.10-16.00 ROOM: Vicharn Panich	Forum (research): "Collaborative network of multi-sectoral approaches for research & innovation on global health" Moderator: Prof. Dr. Tippawan Liabsuetrakul, M.D., Ph.D.		
16.00-16.30 ROOM: Vicharn Panich	MC: Mr. Kemmapon Chumchuen		
	Award announcement		