

The ISABRN 2025 Program on 9 – 10 January 2025

Green Nimman CMU Residence@UNISERV, Chiang Mai University, Chiang Mai, Thailand

Thursday, January 9, 2024					
8.00-9.00 Registration					
9.00-9.30 Opening remark					
9.30-10.40 Plenary lecture: Nomura Tadashi (KIT) Title: Emerging Uses of Generative AI in Healthcare: Bridging Technology and Human-Centered Care					
10.40-11.00 Break (20 min)					
11.00-11.50 Keynote speaker: Ta Thanh Van (HMU) Title: Extracted Exosomes Derived from Vietnamese Medicinal Herbs and Its Effects on Skin Damage Recovery and Immune Regulation					
11.50-13.00 Lunch					
Inthanin Room (Room 1)		Fai Kham Room (Room 2)		Buathong Room (Room 3)	
13.00-13.10	Opening Speech Associate Professor Dr. Teera Chewonarin Head of Biochemistry Department	13.00-13.45	Invited speaker Associate Professor Dr. Sarawut Kumphune Title: The Secretory Lukocytes Protease Inhibitor (SLPI): The Novel Therapeutic Approach and Nano-delivery	13.00-13.45	Invited speaker Dr. Indra Memdi Khoris Title: Nanozymes-based Bioassay for Virus Detection
13.10-13.30	MDPI: MDPI and Journals Introduction Dr. Juthathip Poofery	13.45-14.05	B1: Kumada Yoichi Title: Antibody Engineering for Generation of Next- Generation of Immuno-Diagnostic Agents	13.45-14.05	C1: Marin Elia Title: History of Biomaterials: 5 Millennia of Innovations
13.30-14.00	MDPI: How to Write Scientific Papers in English Dr. Krit Inthajak	14.05-14.25	B2: Kamei Kaeko Title: Potential Use of Bacteriophages in Bacteria Disease Control	14.05-14.50	Invited speaker Assistant Professor Dr. Chitchamai Ovatlarnporn
14.00-14.10	Q&A	14.25-14.45	B3: Chutimon Promthong Title: Effects of Lupinifolin on Carbohydrate Metabolism in the Proteomic Profiling of Vancomycin- resistant Enterococcus faecium		
Break (15 min)		Break (15 min)			
14.25-14.55	MDPI: How to Respond to Peer Reviewers Ms. Hathaipat Kittirojana	15.00-15.20	B4: Nareerat Kumnuanjit Title: Antidiabetic Activity of Partially Purified Polysaccharides from Split Gill Mushrooms (Schizophyllum commune)	15.05-15.25	C2: Zulka Ziblim Title: Scaffold Design for Enhanced Bone Regeneration
14.55-15.05	Q&A	15.20-15.40	B5: Tran Thanh Men Title: Effect of Dissolving Calcium Oxalate Crystals in the Drosophila melanogaster Kidney Stone Model Using Extracts from Plants through Antioxidant and Anti-inflammatory	15.25-15.45	D1: Witthayawat Sunthon The Potential Blood Biomarkers for Determining Manner of Death in Suicide Cases
15.05-15.35	MDPI: Artificial Intelligence in Scientific Publishing Ms. Ploy Assavajamroon	15.40-16.00	B6: Yoshida Hideki Title: How to Use Drosophila in Drug Discovery	15.45-16.05	D2: Thitawat Sopanurakkul 1H-NMR-Based Bone Metabolomics Signature for Sex Identification
15.35-15.45	Q&A			16.05-16.25	D3: Chaniswara Hengcharoen Metabolomics Profile in Dentine involved in cancer
Friday, January 10, 2024					
9.00-9.50 Keynote speaker: Dang Thi Phuong Thao (HCMUS) Title: Crucial role of UCH-L1 (Ubiquitin Carboxyl Terminal Hydrolyse L1) in Autism Spectrum Disorders					
Inthanin Room (Room 1)		Fai Kham Room (Room 2)		Buathong Room (Room 3)	
9.50-10.35	Invited speaker Associate Professor Dr. Sastha Prama Putri Title: Metabolomics Application for Quality Improvement of Important Agricultural and Food Products	9.50-10.35	Invited speaker Associate Professor Dr. Sriaraya Panote Title: Emerging Uses of Generative AI in Healthcare: Bridging Technology and Human-Centered Care	9.50-10.35	Invited speaker Professor Dr. Pornchai Rachtanapun Title: Agro Bio-Circular Green Research: Transforming Renewable Resources for Biomedical Use
10.35-10.55	B7: Jatuporn Polhiran Title: Artocarpus lakoocha Extract Inhibits the Survival and Migration of Human Lung Cancer Cells	10.35-10.55	D4: Wuttichai Khamna Title: NCDs Listener, a Social Listening Tool for Non- communicable Diseases	10.35-10.55	A1: Noman Aslam Title: Blockchain Technology for Risk Hazard Assessment in Seafood: Enhancing Food Safety and Traceability
Break (15 min)					
11.10-11.30	B8: Kongsakon Kulchim Title: Combination Effect between Rhinacanthin-C Extracted from Rhinacanthus nasutus and Cisplatin on the Viability of Human Non-Small Cell Lung Cancer Cells	11.10-11.30	D5: Nguyen Chi Hung Title: Integration of Cobot Technology for Cold Plasma Wound Treatment in the Medical Industry	11.10-11.55	Invited speaker Dr. Doddy Irawan Setyo Utomo Title: Advancing Vaccine Development through Silkworm Expression Systems: A Breakthrough Platform for Agricultural and Biomedical Applications
11.30-11.50	B9: Hathachanok Pradabkam Title: In Vitro Optimization of Drug-releasing Fibrin Glue for Bile Duct Cancer Treatment	11.30-11.50	D6: Vu Nguyen Software Test Automation Using Large Language Models		
11.50-13.00 Lunch					
13.00-14.00 Poster					
14.00-14.20	B10: Jaru Nikom Title: A Comparison of Baseline Models for Anti-HIV Peptide Classification	14.00-14.20	D7: Tran Minh Quang Title: Traffic Data Collection and Predictive Analysis for Urban Cities Applied in Ho Chi Minh City		
14.20-14.40	B11: Aye Myat Zon Title: Antiproliferative Activity of Alizarin Derivative Against Human Cervical Cancer Cell Line	14.20-14.40	D8: Nguyen Thai Nghe Title: Toward Smart Agriculture: Tomato Health Monitoring System		
14.40-15.00	A2: Gechly Yok Title: Antimicrobial Activities of Cannabis sativa's Sugar Leaves Extract	14.40-15.00	D9: Chhim Bunchhun Title: Optimizing Khmer OCR Performance for Scanned Documents Using Character Region Awareness for Text Detection (CRAFT) and Transformer Models		
Break (15 min)					
15.15-15.35	A3: Misbah Saleem Title: The Oligosaccharide Landscape of Rice: A Foodomics Approach to Understanding Nutritional and Functional Properties	15.15-15.35	D10: Fukuzawa Masayuki Title: Data-driven Approaches of Image analysis for Prognostic Prediction in Neurosurgery and Pediatrics		
15.40-16.00 Award announcement and Closing ceremony					