

Sustainability & Health Session

Day 1; Aug. 29, Tue.

Poster Presentations (15:30-16:30 at the Library Learning Commons)

(Posters will be displayed from 12:30 to 18:00.)

Prof. Kenji Wada

Special Assistant to the President, KU

Development of Support Iridium Catalysts for the Synthesis of N-Containing Chemicals

Ms. Nang Kham-Kjing

Student, Graduate School of Associated Medical Sciences, CMU

Highly Specific and Rapid Detection of Hepatitis C Virus Using RT-LAMP-Coupled CRISPR-Cas12 Assay: a new diagnostic tool towards SDG 3

Ms. Nourin Jahan

Student, Graduate School of Medicine, KU

Possible Contribution of Phosphate to the Pathogenesis of Chronic Kidney Disease in Dolphins

Ms. Pimpinan Khammawan

Student, Faculty of Public Health, CMU

Heterologous Third and Fourth Dose Vaccines Reduce Severity and Mortality in COVID-19 Patients during Delta and Omicron Predominance: A Cohort Study in Chiang Mai, Thailand

Ms. Jennifer Saulam

Student, Graduate School of Medicine, KU

Temporal Trends in Ischemic Heart Disease and Stroke Mortality Attributable to Metabolic Risk Factors in Japan, Taiwan, and Thailand from 1990 to 2019

Ms. Putida Pinthonglor

Student, Faculty of Dentistry, CMU

Effect of Antimicrobial Peptide LL-37 on Human Bone Marrow Mesenchymal Proliferation

Mr. Mohammad Mamun Sikder

Student, Graduate School of Medicine, KU

PLAAT5 Producing Anandamide and Other *N*-Acylethanolamines in Testis

Dr. Sakaewan Ounjaijean

Lecturer, Research Institute for Health Sciences, CMU

Exploring the Potential of Alternative Medicine: *In Vivo* Study of *Gymnema inodorum* Leaf Extract as a Promising Antimalarial Treatment in *Plasmodium berghei*-infected Mice

Prof. Waraporn Boonchieng

Associate Professor, Faculty of Public Health, CMU

Innovation for Public Health Emergency Response and Community Health Data Management: Case Study COVID-19 in Chiangmai, Thailand

Day 2; Aug 30, Wed.

8:10 Pick up at Kawaroku Hotel

9:00 Arrival at the Medical Campus

Oral Presentations

(10 min presentation + 5 min Q&A, discussions)

9:00-9:15	Opening, housekeeping messages
Chair: Prof. Srithanaviboonchai K., CMU	
9:15-9:30	Prof. Toru Uyama Associate Professor, Faculty of Medicine, KU Gene Disruption of the Phospholipid-related Enzyme PLAAT1 Improves High-fat Diet-induced Obesity and Hepatic Lipid Accumulation

KU

9:30-9:45	Prof. Sarawut Kumphune Associate Professor, Biomedical Engineering Institute, CMU Novel Effect of Secretary Leukocyte Protease Inhibitor (SLPI) as Surface Coating Agent for Biomedical Applications	CMU
9:45-10:00	Prof. Hsin-I Chang Professor, Head of the Department of Biochemical Sciences and Technology, NCYU Mechanical Stretch Induced Osteogenesis on Human Annulus Fibrosus Cells through Upregulation of BMP-2/6 Heterodimer and Activation of p38 and SMAD1/5/8 Signaling Pathways	NCYU
10:00-10:15	Dr. Chakkrapong Kuensaen Lecturer, International College of Digital Innovation, CMU Cold Atmospheric Pressure Plasma Technology for Health Sustainability: Applications and Prospects	CMU
10:15-10:30	Break	
Chair: Prof. Hsin-I Chang, NCYU		
10:30-10:45	Prof. Jyhmirn Lai Dean of the College of Veterinary Medicine, NCYU Evaluation of the Antibody Titers of Pasteurella Multocida Vaccine for Goats	NCYU
10:45-11:00	Dr. Kazuyo Kamitori Assistant Professor, Faculty of Medicine, KU Structural Basis of Sugar Transport by Sodium-glucose Cotransporters	KU
11:00-11:15	Prof. Chishih Chu Ex-vice President, NCYU. Virulence Plasmid Associated Salmonellosis and their applications	NCYU
11:15-11:30	Prof. Srithanaviboonchai K. Deputy Director, Research Institute for Health Sciences, CMU HIV-1 Recent Infection Surveillance Using a Point-of-Care Test for Recent Infection among Persons Newly Diagnosed with HIV Infection in Thailand	CMU
11:30-13:00	Lunch	
Chair: Dr. Hiromi Suzuki, KU (partly, Prof. Kenji Wada, KU)		
13:00-13:15	Dr. Kannikar Intawong Lecturer, Faculty of Public Health, CMU Effectiveness of Heterologous Third and Fourth Dose COVID-19 Vaccine Schedules for SARS-CoV-2 Infection During Omicron Predominance in Thailand	CMU
13:15-13:30	Prof. Katsunori Sato Associate Professor, Graduate School of Management, KU Employment Transition Support during the Covid-19 Crisis -Questionnaire Survey at Employment Support Facilities in Okayama City	KU
13:30-13:45	Dr. Abhibhu Kitikamdhorn Lecturer, Faculty of Mass Communication, CMU Unraveling the COVID-19 Infodemic on Twitter: A Social Network Analysis in the Context of Thailand	CMU
13:45-14:00	Prof. Nobuyasu Komasa Professor, Faculty of Medicine, KU Attitude Survey toward Career Designing in Japanese Medical Student	KU
14:00-14:15	Dr. Hiromi Suzuki Assistant professor, Faculty of Medicine, KU Problematic Internet Use and Attachment Styles among Adolescents in Japan	KU

14:15-14:30

Break

14:30-15:15

Courtesy visit to Dean (CMU, NCYU members)

15:15-17:00 Lab visit / Hospital visit (CMU, NCYU members, 2 groups)
17:00:- Move to dinner site, Mikayla at Takamatsu Port

Notes to oral presenters

- ✓ All presentations will be delivered hybrid-style. Please use the Windows PC provided.
- ✓ Please bring your presentation PPT file on a USB flash memory drive to the speaker ready room on August 30th before your presentation. We would like to check the operation of your PPT beforehand.
- ✓ Please make sure that the PPT you are using is the latest version.