

Agenda

Nov 14 (Thr), 2024			
09:00~09:30	Registration (College of Agriculture)		
Opening Ceremony (AR114, College of Agriculture)			
09:30~09:40	Opening Remarks: Dr. Chin-Lung Chang President, NPUST, Taiwan		
09:40~09:50	Dr. Kornorn Srikulnath Assistant to the President for Research and Internationalization, KU, Thailand		
09:50~10:00	Group Photographing		
10:00~10:10	Appreciation of coordinators of the bilateral conferences		
Parallel Sessions			
Session	A. Food Science (AR114)	B. Agriculture (AR115)	C. Veterinary Medicine (VM106)
Part I	10:30~12:00		10:30~12:04
Lunch	12:00~14:00		12:10~13:30
Part II	14:00~15:30		13:30~14:54
Coffee Break	15:30~15:45		14:54~15:10
Part III	15:45~17:00		15:10~16:34

Session A: Food Science (Venue AR114)

Part I Moderator: Dr. Alex Liaw		
10:30~10:45	Passakorn Kingwascharapong (KU, Thailand)	Strategies to reduce sodium in seafood products
10:45~11:00	Shyang-Chwen Sheu (NPUST, Taiwan)	Detection of grain adulterants in coffee product by nucleic acid-based method
11:00~11:15	Nantawan Therdthai (KU, Thailand)	Enhancing saltiness in food for the elderly
11:15~11:30	Kiattisak Duangmal (CU, Thailand)	Bioactive peptides from adzuki bean and mung bean protein and their biological activity
11:30~11:45	Yu-Kuo Chen (NPUST, Taiwan)	Acetylation at the C5 position improves the bioactivity and bioavailability of polymethoxyflavones
11:45~12:00	Nattida Chotechuang (CU, Thailand)	Hydrozitla: A new beverage formulated from banana stem extract and butterfly pea flower which helps to reduce the risk of urinary stone formation and promotes longevity in preclinical models
12:00~14:00 Lunch & Agriculture Exhibition		
Part II Moderator: Dr. Chih-Kang Lo		
14:00~14:15	Mohsen Gavahian (NPUST, Taiwan)	Replacing conventional thermal processing technologies with ohmic heating to reduce energy consumption: Taking milk pasteurization as an example
14:15~14:30	Ravipim Chaveesuk (KU, Thailand)	Machine learning approach for releasing a frankfurter production batch
14:30~14:45	Chawakwan Nitikornwarakul (KU, Thailand)	Sustainable preservation of Thai Nam Dok Mai mango via natural active coatings and high-pressure processing
14:45~15:00	Albert Linton Charles (NPUST, Taiwan)	Characterization of arrowroot starch-alginate composite biofilms and its application in strawberry packaging
15:00~15:15	Kiattichai Wadaugsorn (KU, Thailand)	Production of biobased platform chemical from sugar derivatives for sustainable packaging materials
15:15~15:30	Yung-Lin Chu (NPUST, Taiwan)	The development and the antioxidant assessments of potato yogurt
15:30~15:45 Coffee Break		
Part III Moderator: Dr. Chan-Chiung Liu		
15:45~16:00	Kuo-Ching Jan (NPUST, Taiwan)	Enhancing bioavailability of functional components in natural products: Sesame lignans and ginsenosides
16:00~16:15	Massalin Nakphaichit (KU, Thailand)	Personalizing the gut microbiome: unlocking lifelong health and wellbeing
16:15~16:30	Shin-Yu Chen (NPUST, Taiwan)	The monomer of resveratrol butyrate ester ameliorates obesity and gut microbiota in high-fat diet rats
16:30~16:45	Chomdao Sinthuvanich (KU, Thailand)	Cross-allergenicity of edible insects with shrimp and house dust mites: assessing the food allergy risk of edible insects
16:45~17:00	Hsu-Sheng Yu (NPUST, Taiwan)	Analysis of peanut allergen Ara h 3

Session B: Agriculture (Venue AR115)

Part I Moderator: Dr. Yuh Tzean		
10:30~10:45	Pawee Klongvessa (KU, Thailand)	Direct and indirect relationships of rainfall and humidity with yields of rubber trees in Surat Thani province, Thailand
10:45~11:00	Jeng-Wei Tsai (NPUST, Taiwan)	Sediment carbon stock of mangroves and its effects on carbon budget in a nearby oyster-culture intensive lagoon
11:00~11:15	Atsalek Rattanawanee (KU, Thailand)	Insect farming: Sustainable food and feed productions for environmentally friendly agriculture
11:15~11:30	Yi-Hsien Lin (NPUST, Taiwan)	Application plant immunity regulating microbes in disease control
11:30~11:45	Pimsiri Tiyyon (CU, Thailand)	Screening of antagonistic bacteria for controlling fungal disease on cacao (<i>Theobroma cacao</i> L.)
11:45~12:00	Li-Hsin Wu (NPUST, Taiwan)	The impact of Wolbachia infection on parasitoid wasps: Implications for biological control
12:00~14:00 Lunch & Agriculture Exhibition		
Part II Moderator: Dr. Chien-Ju Lin		
14:00~14:15	Shao-Yu Peng (NPUST, Taiwan)	When exosomes/miRNAs meet pig
14:15~14:30	Suwanna Sayruamyat (KU, Thailand)	Thai swine industry after african swine fever outbreak in 2022
14:30~14:45	Yu-Sheng Wu (NPUST, Taiwan)	Characteristics of <i>Gracilariopsis lemaneiformis</i> hydrocolloids and their effects on intestine PPAR signaling and liver lipid metabolism in oreochromis niloticus: A multiomics analysis
14:45~15:00	Anchalee Sirikhachornkit (KU, Thailand)	Heat and light stress responses in Chlamydomonas: acclimation and natural variation
15:00~15:15	Hsu-Sen Chen (NPUST, Taiwan)	Effects of habitat characteristic changes driven by climate change on shrimp assemblage in subtropical waters
15:15~15:30	Worapong Singchat (KU, Thailand)	Genetic advancements in clariid catfish aquaculture: A one health approach for sustainable food security
15:30~15:45 Coffee Break		
Part III Moderator: Dr. Jeng-Wei Tsai		
15:45~16:00	Wen-Shin Lin (NPUST, Taiwan)	Investigation on rice cultivation management using environmental and trait parameters
16:00~16:15	Tansiphorn Na Nan (CU, Thailand)	Upgrading Thai's cacao value chain based on BCG economy model
16:15~16:30	Hsing-Ying Chung (NPUST, Taiwan)	Research on low-potassium vegetables and fruits in plant factories for chronic kidney disease people
16:30~16:45	Pimnipa Phengchang (KU, Thailand)	Banana conservation in Thailand
16:45~17:00	Jan-Chang Chen (NPUST, Taiwan)	Novel techniques for urban tree inventory and risk assessment in Taiwan

Session C: Veterinary Medicine (Venue VM106)

Part I Moderator: Dr. Chao-Nan Lin		
10:30~11:00	Yung-Fu Chang (Cornell University, USA)	Glycoengineering vaccine against Glässer's disease
11:00~11:20	Apinun Suprasert (KU, Thailand)	VET clinical skills lab by the natural rubber models
11:20~11:40	Yi-Lun Tsai (NPUST, Taiwan)	Veterinary transfusion medicine of companion animals in Taiwan – Non-profit animal blood banking program
11:40~11:52	Neeranoot Detcharoenyos (KU, Thailand)	Management of canine spinal cord transmissible venereal tumor in a Dog
11:52~12:04	Wen-Chi Lin (NPUST, Taiwan)	Reducing animal use and stress in veterinary training
12:10~13:30 Lunch		
Part II Moderator: Dr. Yi-Lun Tsai		
13:30~13:42	Waraphon Phimpraphai (KU, Thailand)	Roles of academia to facilitate Rabies-free area in Thailand
13:42~13:54	Chen-Chih Chen (NPUST, Taiwan)	Habitat selection and relationship with waterfowl farms of northern pintails (<i>Anas acuta</i>), a primary reservoir for avian influenza virus in southwestern Taiwan
13:54~14:06	Prateep Duengkae (KU, Thailand)	Active surveillance of Thai bats: A one health approach
14:06~14:18	Hsu-Hsun Lee (NPUST, Taiwan)	Platelet-rich plasma treatment of large wound in ruminant animal
14:18~14:30	Tawin Inpankaew (KU, Thailand)	Prevalence and genetic characterization of zoonotic soil-transmitted helminths in semi-domesticated dogs from Bangkok temples: Implications for public health and one health strategies
14:30~14:42	Szu-Ting Lin (NPUST, Taiwan)	Comparison of diagnostic value between cone-beam and fan-beam computed tomography and low-field magnetic resonance imaging for detection of fetlock lesions in horses
14:42~14:54	Wanat Sricharern (KU, Thailand)	Zoonotic potential of <i>Plasmodium</i> spp. infections in macaques in Thailand: A threat from forest to city
14:54~15:10 Coffee Break		
Part III Moderator: Dr. Cheng-Shu Chung		
15:10~15:22	Kuo-Ping Shen (NPUST, Taiwan)	Why consuming the right foods can control metabolic syndrome: Take Taiwan red quinoa and bananas as examples
15:22~15:34	Aksorn Saengtienchai (KU, Thailand)	Effect of lava plum (<i>Syzygium cumini</i>) leave extract and a silver nanoparticles synthesis on pathogens in skin diseases of dogs
15:34~15:46	Yao-Chi Chung (NPUST, Taiwan)	United power: Advancing PEDV vaccine development through multi-partner collaboration
15:46~15:58	Theeraporn Pulpipat (KU, Thailand)	Emergence of <i>Streptococcus agalactiae</i> serotype VII: A new threat to snakeskin gourami (<i>Trichogaster pectoralis</i>) in Intensive Farming
15:58~16:10	Wei-Hao Lin (NPUST, Taiwan)	Efficacy of a porcine circovirus type 2 and mycoplasma hyopneumoniae bivalent vaccine
16:10~16:22	Eukote Suwan (KU, Thailand)	A serological diagnosis of toxoplasma gondii via multi-epitope chimeric antigen based ELISA
16:22~16:34	Ching-Hung Lin (NPUST, Taiwan)	Impacts of selection pressures on coronavirus genome, defective viral genomes, and subsequent viral fitness