

Sustainability & Food Session

Day 1; Aug. 29, Tue.

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

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

Refer to Poster Presentations for list of presenters.

Day 2; Aug. 30, Wed.

8:00

Pick up at Kawaroku Hotel by bus.

(If you miss the bus, you may take the train to the Faculty of Agriculture)

8:50

Arrival at Faculty of Agriculture

MC: Dr. Kawamura, O. (KU)

09:00-09:05 **Greetings from Dean** (Dr. Akimitsu, K. KU)

09:05-10:00 **Explanation and tour of the Rare Sugar Research Center**
(Dr. Kato, S. KU)

10:00-10:10 Break

Introduction of each research center (20 min presentation + 4 min discussion)

(One Bell at 18 min, 2 Bells at 20 min, 3 Bells at 24 min)

10:10-10:35 **Genome and Gene Resource Research Center**

Genetic Analysis of Autoimmunity Arising from Disruption of the Defense-Related MAP Kinase Pathway in *Arabidopsis thaliana*. Dr. Ichimura, Kazuya

10:35-11:00 **Advanced Biochemistry and Chemical Biology Center**

Lifespan Extension by the Rare Sugar D-Allulose in the Nematode *Caenorhabditis elegans*. Dr. Sato, Masashi

MC: Dr. Ogawa, M. (KU)

11:00-11:25 **Food Safety and Nutraceutical Science Center**

Table Olive Processing in Japan: Towards Sustainability and Enhanced Health Effects. Dr. Yonekura, Lina

11:25-11:55 **Agricultural Resources and Technology Center**

Greenhouse gas reduction by drip irrigation of rice
Dr. Toyota, Masanori

11:55- Lunch at Kagawa University cafeteria

Research presentations by young researchers

(15 min presentation + 4 min discussion, One Bell at 13 min, 2 Bells at 15 min, 3 Bells at 19 min)

Chair: Asst. Prof. Dr. Wang, Hsiao-Wen (NCYU)		
12:45	Dr. Hsu, Pei-Chuan The influence of social value, work value, and self-efficacy of Veterinary students on the career development of veterinary students at NTU.	NCYU
13:05	Dr. Phimolsiripol, Yuthana Cricket protein-FOS conjugation as a vitamin D3 carrier in food system	CMU
13:25	Dr. Ishii, Toya Soybean lipophilic protein as a sustainable plant-based ingredient for emulsion and foam systems.	KU
13:45	Dr. Srinuanpan, Sirasit Bioprocess Improvement for Fermentation of Pigmented Thai Glutinous Rice-Based Functional Beverage (<i>Sato</i>) with Superior Antioxidant Properties	CMU
14:05	Break	
Chair: Assoc. Prof. Dr. Yuthana Phimolsiripol (CMU)		
14:20	Dr. Wang, Hsiao-Wen Effect of Harvest Maturity and Storage Temperature on the Ripening Quality of Mango (<i>Mangifera indica</i> L.) Fruit	NCYU

14:40	Dr. Matsuzawa, Tomohiko Glycoside hydrolases of Japanese <i>koji</i> mold, <i>Aspergillus oryzae</i>	KU
15:00	Dr. Unban, Kridsada Potential Probiotic Lactic Acid Bacteria Isolated from Indigenous Fermented Tea Leaves (Miang) in North Thailand	CMU
15:20	Dr. Yanagita, Ryo Development of Simplified Analogs of Aplysiatoxin Having Different Conformation-Controlling Units	KU
15:40	Break	
Chair: Prof. Dr. Toyota, Masanori (KU)		
15:55	Dr. Tseng, Ching-Tzu Entomopathogenic Nematode: a Potential Biocontrol Agent in Integrated Pest Management	NCYU
16:15	Dr. Uttarotai, Toungporn Coffee Production and the SDGs: Insights from Soil Microbes on Climate Change Mitigation	CMU
16:35	Dr. Mizuta, Keisuke Effects of agroforestry system on the growth of olive and durum wheat in Japan	KU
16:55	Dr. Yamuangmorn, Supapohn Enhancement of yield and grain zinc accumulation in rice by foliar application with zinc and potassium fertilizer	CMU

MC: Dr. Kawamura (Coordinator, KU)

17:25

Banquet at Kagawa University cafeteria

Greeting from Dr. Akimitsu, Dean of the Faculty of Agriculture (KU)
 Greeting from Dr. Noppol Leksawasdi, Director, Office of Research Administration, Faculty of Agro-Industry (CMU)
 Greeting from Coordinator, Dr. Wang, Hsiao-Wen, Faculty of Agriculture (NCYU)
 Toastmaster, Coordinator, Dr. Yuthana Phimolsiripol, Faculty of Agro-Industry (CMU)

 Networking

 Closing remarks, Coordinator, Dr. Ogawa (Coordinator, KU)

19:00

Move to Kawaroku Hotel by Shuttle Bus

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 room DS102 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.

Map

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