

International Symposium 3

Food and Microorganisms: Are They Friends or Enemy?

Thursday, June 4

▶APEC Hall

Sponsored by **Ministry of Food and Drug Safety and Food-borne Pathogen Omics Research Center (FORC)**

Chair: **Ju-Hoon Lee** (Kyung Hee University, Korea)

IS3-1 15:00-15:35

A Milk-Oriented Microbiota (MOM) in Nursing Infants: What MOMs Can Teach Us about Next Generation Prebiotics and Probiotics

David Mills (UC Davis, USA)

IS3-2 15:35-16:10

FIPHA: Fitness Pattern based Heuristic Approach to Unravel Novel Virulence Regulators and Vaccine Targets in Zoonotic Pathogen *Edwardsiella* Bacteria

Qiyao Wang (East China University of Science and Technology, China)

Chair: **Sangryeol Ryu** (Seoul National University, Korea)

IS3-3 16:10-16:40

Gut Microbiota Enhances Larval Development of High Sugar Diet-fed Fruit Fly, *Drosophila Melanogaster*

Jin-Woo Bae (Kyung Hee University, Korea)

IS3-4 16:40-17:10

Alteration of Gut Microbiota by Probiotics Administration to Modulate Hyper-immune Disorders

Sin-Hyeog Im (Institute for Basic Science/ Pohang University of Science and Technology, Korea)

IS3-5 17:10-17:40

Transcriptomic Insights into the Control of Foodborne Pathogens-Sialic Acid Catabolism of *Vibrio vulnificus* as a Therapeutic Target

Sang Ho Choi (Seoul National University, Korea)