

US Japan Cooperative Medical Sciences Annual Meeting

Day 2 (June 26th)

Cancer, Microbiome, and Nutrition

Session 1: Cancer, Microbiome and the GI Tract

Moderators: Masahiro Yamamoto (Japan), Christian Abnet (USA)

8:45 – 9:05 *Intratumoral and gut microbiota in hepatocellular carcinoma and prognosis*
Noriho Iida, Kanazawa University, Japan

9:05 – 9:15 Q&A

9:15 – 9:35 *Phage-bacteria equilibria in the colorectal cancer microbiome: phase variation, diet, and the path to precision microbiome engineering*
Neelendu (Neel) Dey, University of Washington – Fred Hutch Cancer Center, USA

9:35 – 9:45 Q&A

9:45 – 10:00 Break

10:00 – 10:15 *Novel therapeutic approaches for liver and gastrointestinal cancers using nutrition*
Rozanna M. Rosly, Malaysian Dietitians' Association, Malaysia

10:15 – 10:20 Q&A

10:20 – 10:40 *Sustained AKT signaling drives metabolic stress-associated colorectal cancer development*
Haruna Takeda, National Cancer Center, Japan,

10:40 – 10:50 Q&A/Discussion

10:50 – 12:05 Lunch

Session 2: Cancer, Microbiome, Diet, and the GI Tract

Moderators: Nina Salama (USA), Haruna Takeda (Japan)

12:05 – 12:25 *The human microbiome, nutrition, and cancer*
Christian Abnet, National Cancer Institute, USA

12:25 – 12:35 Q&A

- 12:35 –12:50** *Senescence-associated lysosomal dysfunction impairs cystine deprivation-induced lipid peroxidation and ferroptosis,*
Tze Mun Loo, Japanese Foundation for Cancer Research, Japan
- 12:50 – 12:55** Q&A
- 12:55 –13:15** Presentation title TBC – Yong Ho Lee, Yonsei University College of Medicine,
confirmed (metabolism panel speaker)
- 13:15 – 13:25** Q&A
- 13:25 –13:45** M-cell-dependent commensal uptake enhances encephalitogenic phenotypes on
αT17 cells in Peyer's patch.
Yotaro Kodaira
- 13:45 – 13:55** Q&A
- 13:55 –14:10** *Maternal tetrahydrobiopterin, a nutritional-metabolic cofactor, reprograms fetal brown fat and protects offspring from obesity* Hiroto Minamino, Kyoto University, Japan
- 14:10 – 14:15** Q&A
- 14:15 – 14:30** Break
- 14:30** Flash Talks/Poster Session
- Moderator:** Rozanna M. Rosly (Malaysia)
- 14:30– 14:40** Flash Talk #1
Walied Kamel
Combined Loss of Rb and PHLDA3 Enhances Stem-Like Properties and Aggressiveness in Medullary Thyroid Carcinoma
- 14:40 – 14:50** Flash Talk #2
Kodai Ueno
Reprimo-YAP-p73 pathway induces extrinsic apoptosis and tumor suppression
- 14:50 – 15:00** Flash Talk #3
Naoya Kobayashi
p53 target Gene PHLDA3 Promotes PI3K/Myc-Driven Hepatocellular Carcinoma tumorigenesis by activating YAP

- 15:00 – 15:10** Flash Talk #4
Burcu Temizoz
Prime–Push Mtb Vaccination Drives Immuno–Switching in the Tumor
Microenvironment
- 15:10 – 15:20** Q&A/Discussion
- 15:20 – 15:30** Closing remarks/Panel Conclusion