

2023 International BLIRC Symposium Lipidomics Perspectives on Metabolic Diseases

October 24 (Tue), 2023

Mugunghwa Hall, SNU Hoam Faculty House, Seoul

Registration
Pre-registration
by October 16, 2023



13:00~13:10 Opening Remark Prof. Mi-Ock Lee (Director, BioLipids Interactomics Research Center)
Prof. Tae-Sik Park (Director, Sphingolipid metabolism-based regulation of inflammation Laboratory)

13:10~13:20 Welcome Remark Prof. Sang Kook Lee (Dean, College of Pharmacy, Seoul National University)

Session I. Recent Advances in Lipid Biology

Chair : Prof. Yong-Moon Lee (Chungbuk University), Prof. Yun-Hee Lee (Seoul National University)

13:20~14:00 Molecular mechanism of permeability barrier formation by ceramides
Prof. Akio Kihara (Hokkaido University, Japan)

14:00~14:40 Sphingolipid biology and skin: roles of ceramide and its metabolites as a lipid mediator in skin
Prof. Yoshikazu Uchida (Northern California Institute for Research and Education, USA)

14:40~15:20 Precision omics uncovers novel functions of sphingolipids in development and aging
Prof. Guang-hou Shui (Chinese Academy of Sciences, China)

Coffee Break

Session II. Lipid Metabolomics & Human Metabolic Diseases

Chair : Prof. Sung Won Kwon (Seoul National University), Prof. Yoon Mee Yang (Kangwon University)

15:40~16:10 Loss of the E3 ubiquitin ligase MKRN1 represses diet-induced metabolic syndrome through AMPK activation
Prof. Jaewhan Song (Yonsei University, Korea)

16:10~16:40 Translational metabolomics in biomarker discovery of Sarcopenia
Prof. Hyun Ju Yoo (University of Ulsan, Korea)

16:40~17:10 Adipocyte-specific depletion of Crtc2 delays age-associated metabolic derangement
Prof. Seung-Hoi Koo (Korea University, Korea)

17:10~17:40 Single cell analysis from human visceral adipose tissue in human diseases
Prof. Sung Hee Choi (Seoul National University Bundang Hospital, Korea)

Closing Remark

Organized by

Seoul National University BioLipids Interactomics Research Center
Gachon University Sphingolipid metabolism-based regulation of inflammation Laboratory

Contact

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