

Academia Sinica-Osaka University Symposium 2020
(AS-OU symposium 2020)

November 17, 2020

Online

PROGRAM

10:00- Opening Remark: Prof. Koichi Fukase

Chair: Prof. Yasuhiro Kajihara

10:05-10:50 **IL1: Prof. Kiyoshi Takeda**
Regulation of intestinal homeostasis

10:50-11:35 **IL2: Prof. An-Suei Yang**
Developing anti-SARS-CoV-2 nucleocapsid protein antibodies with phage-displayed synthetic antibody libraries designed with computational methods

Chair: Prof. Koichi Fukase

12:50-13:00 **Short talk 1: Kento Iritani**
C-terminal Activation of Recombinant Polypeptides by Chemical Means for the Protein Semisynthesis

13:00-13:10 **Short talk 2: Yu Chen Chen**
Hybrid transcriptome sequencing identifies intragenic trans-splicing events with an important role in breast cancer progression

13:10-13:20 **Short talk 3: Izumi Saito**
Monitoring of Glycoprotein Quality Control System with UDP-5S-Glucose

13:20-13:30 **Short talk 4: Tzu-Hui Hsu**
Galectin-8 mitigates the metastasis of colorectal cancer

13:30-13:40 **Short talk 5: Ayane Miura**
Analysis of Membrane Protein Dynamics by Glycan-galectin Interaction Using Synthetic Glycan-displaying Cells

13:40-13:50 **Short talk 6: Chien-Hsiu Li**
A regulatory circuit composed of FOXD and Galectin-3 controls lung cancer cell aggressiveness

13:50-14:00 **Short talk 7: Haruki Yamaura**
Synthesis and functions of gut symbiotic bacterial lipid As and their analogs

14:00-14:10 **Short talk 8: Pei-Shan Sung**
Platelet-derived Extracellular vesicle is critical in virus-induced NETosis and inflammatory reactions

Chair: Prof. Kuo-I Lin

14:20-15:05 **IL3: Prof. Takayoshi Suzuki**
Identification of Epigenetic Inhibitors by Target-Guided Synthesis

15:05-15:50 **IL4: Prof. Wei-Chieh Cheng**
Developing small molecules to modulate sugar-processing enzymes

Chair: Prof. Che Alex Ma

16:00-16:45 **IL5: Prof. Kenji Matsuno**
Cells with handedness: molecular bases and functions

16:45-17:30 **IL6: Prof. Su-Chang Lin**
Making the life-or-death decisions

17:30-17:35 Closing Remark: Prof. Shang-Cheng Hung