

State Key Laboratory of Agrobiotechnology (SKLA)
Institute of Plant Molecular Biology and Agricultural Biotechnology (IPMBAB)
(Concurrent Meeting)

Date: 13 November 2021 (Sat)

Venue: Lee Shau Kee Building LT5



Please register in advance



Seminar Schedule

- 8:55 Opening Remarks (Prof. HM Lam, SKL Director)
- CLIMATE SMART AGRICULTURE**
- 9:00-9:11 Analysis of soybean acyl-CoA-binding protein expression (NUR SYIFAH AZLAN, Prof. ML CHYE)
- 9:11-9:22 Epigenetic regulation of brassinosteroid signaling in *Arabidopsis* (Mr. Guanghua MENG, Prof. JX HE)
- 9:22-9:33 Priming-induced alterations in histone modifications modulate transcriptional responses in soybean under salt stress (Mr. Wai Shing YUNG, Prof. HM LAM)
- 9:33-9:44 Functional analysis of Prenylated Rab acceptor-PRA1.F3 in *Arabidopsis thaliana* (Ms. Lang YANG, Prof. BL LIM)
- 9:44-9:55 Effects of irrigation on regional climate and air quality in northern China (Mr. Tiangang YUAN, Prof. APK TAI)
- 9:55-10:06 Prediction of foliar functional traits from drone-based hyperspectral imagery (Mr. Shuwen LIU, Prof. J WU)
- 10:06-10:17 Techniques for building plant root gene regulatory network (Mr. Weilun LIU, Prof. SL ZHONG)
- CELL BIOLOGY AND CELL TECHNOLOGY PLATFORM**
- 10:17-10:28 Characterization of EXPO and EVs in Plants (Mr. Jiayang GAO, Prof. LW JIANG)
- 10:28-10:39 Investigation of a role of Yy1 in mouse postnatal purkinje cells development (Ms. Ying Lam LUI, Prof. KM KWAN)
- 10:39-10:50 Subcellular localization mechanism of the SR protein SRSF3 (Ms. Haizhen LIU, Prof. CK NGO)
- 10:50-11:01 Structural insights into how vacuolar sorting receptors recognize the sorting determinants of seed storage proteins (Mr. Hsi-En TSAO, Prof. KB WONG)
- 11:01-11:12 Investigating the molecular mechanism of plant selective autophagy (Ms. Cheuk Ling WUN, Prof. XH ZHUANG)
- 11:12-11:32 **Group Photo and Break**
- MOLECULAR BIOLOGY AND GENE TECHNOLOGY PLATFORM**
- 11:32-11:43 The proteome of *Arabidopsis thaliana* embryogenesis (Mr. Yingzhang HUANG, Prof. DJ GUO)
- 11:43-11:54 Sex-biased genes and responses in Drosophila (Ms. Shun Kei TSANG, Prof. HL HUI)
- 11:54-12:05 Xylem sap peptidomic revealed signaling peptides involved in nitrogen deficiency response in soybean (Mr. Wai Ching SIN, Prof. SM NGAI)
- 12:05-12:16 Role of Mitochondria in Regulating Apoptosis Reversal in Breast Cancer (Mr. Lung YIU, Prof. FSY TSANG)
- 12:16-12:27 Endothelial leptin resistance exacerbates vascular dysfunction through hindering PD-L1 expression (Mr. Yiu Ming CHEUNG, Prof. WT WONG)
- 12:27-12:38 Characterization of NAD-capped RNAs using NAD tagSeq II and a high-accuracy method in *E. coli* and *Arabidopsis thaliana* (Mr. Hailei ZHANG, Prof. YJ XIA)
- 12:38-12:49 Structural variation studies in plants and graph genomes (Dr. Yuxuan YUAN, Prof. TF CHAN)
- 12:49-13:00 Best Presentation Award and Final Remarks

