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



Seminar Schedule

Seminar Schedule SK	
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 SYIFAQ AZLAN, Prof. ML CHYE)
9:11-9:22	Epigenetic regulation of brassinosteroid signaling in <i>Arabidopsis</i> (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 <i>Arabidopsis thaliana</i> (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 (<u>Mr. Hsi-En TSAO</u> , 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



12:27-12:38

12:38-12:49

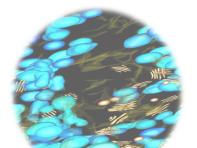
12:49-13:00



and Arabidopsis thaliana (Mr. Hailei ZHANG, Prof. YJ XIA)

(Mr. Yiu Ming CHEUNG, Prof. WT WONG)

Best Presentation Award and Final Remarks



Characterization of NAD-capped RNAs using NAD tagSeq II and a high-accuracy method in E. coli

Structural variation studies in plants and graph genomes (Dr. Yuxuan YUAN, Prof. TF CHAN)

