Please register in advance

Date: 5 November 2022 (Sat)

Venue: Yasumoto International Academic Park (YIA) LT4

STATE KEY LABORATORY OF AGROBIOTECHNOLOGY (SKLA) INSTITUTE OF PLANT MOLECULAR BIOLOGY AND AGRICULTURAL BIOTECHNOLOGY (IPMBAB) (CONCURRENT MEETING)

1:30	Opening Remarks (Prof. HM Lam, SKLA Director)
	Climate Smart Agriculture
1:35-1:46	Characterization of soybean acyl-CoA-binding proteins (Ms. NUR SYIFAQ AZLAN, Prof. ML CHYE)
1:46-1:57	Brassinosteroid signalling and regulation in soybean (Mr. Yicheng YU, Prof. JX HE)
1:57-2:08	Possible roles of a plant ribosome-associated protein on translational regulation (Ms. Sau Shan CHENG, Prof. HM LAM)
2:08-2:19	Bioenergetics of pollen tube growth in *Arabidopsis thaliana* revealed by ratiometric genetically encoded biosensors (Ms. Jinhong LIU, Prof. BL LIM)
2:19-2:30	An assessment of the crop production losses caused by ambient ozone in China from 2005 to 2019 using both concentration-based and flux-based metrics (Ms. Jia MAO, Prof. APK TAI)
2:30-2:41	Monitoring tree-crown scale leaf photosynthetic capacity across different forest sites with UAS-based imaging spectroscopy (Mr. Shuwen LIU, Prof. J WU)
2:41-2:52	Transcriptional regulation of the casparian strip formation in maize root exodermis (Mr. Weilun LIU, Prof. SL ZHONG)
	Cell Biology and Cell Technology Platform
2:52-3:03	Transcriptional Regulation of Vacuole Biogenesis (Ms. Chudi FAN, Prof. LW JIANG)
3:03-3:14	Functional characterization of Arabidopsis voltage-dependent anion channels (VDACs) in mitophagy (Mr. Wenlong MA, Prof. BH KANG)
3:14-3:25	Functional study of the transcription factor Yin Yang1 in the mouse cerebellar Purkinje cells (Ms. Ying Lam LUI, Prof. KM KWAN)
3:25-3:45	***Group Photo and Break***
3:45-3:56	Structural basis of pH-dependent chaperone function of a small heat shock protein (Mr. Xizi YANG, Prof. CY LAU)
3:56-4:07	Role of sarcoplasmic reticulum and mitochondria communication in the maturation of embryonic stem cell-derived cardiomyocytes (Mr. Zhenping LI, Prof. FSY TSANG)
	Molecular Biology and Gene Technology Platform
4:07-4:18	Genomics and biology of RNA G-quadruplexes in the malaria parasite *Plasmodium falciparum* (Mr. Yui Ching CHOW, Prof. TF CHAN)
4:18-4:29	Understanding protein evolution in C4 photosynthesis: co-evolution, transcriptome signature, and similarities divergence (Ms. Chao WU, Prof. DJ GUO)
4:29-4:40	Conservation Genomics of the Incense Tree *Aquilaria sinensis* and Its Associated Moth *Heortia vitessoides* (Mr. Tsz Sum LAW, Prof. HL HUI)
4:40-4:51	Asperuloside alleviates vascular dysfunction and atherosclerosis via activating endothelial Nrf2 signaling (Ms. Chufeng HE, Prof. WT WONG)
4:51-5:02	Arabidopsis DXO1 activates RNMT1 to methylate the mRNA guanosine cap (Ms. Chen XIAO, Prof. YJ XIA)
5:02-5:13	Co-evolution between legumes and Bradyrhizobium from a time perspective (Dr. Sishuo WANG, Prof. HW LUO)
5:13-5:24	Examination of mercury content in local rice grains of different cultivars (Mr. Tsun Hung CHEUNG, Prof. TK TSUI)
5:24-5:30	Best Presentation Award and Final Remarks