

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

**Date: 9 November, 2019 (Sat)  
Venue: LT1, Mong Man Wai Building (MMW), CUHK**



**Seminar Schedule**

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| 8:45   | Opening Remarks ( <u>Prof. HM Lam</u> , SKL Director)  |
| <b>CROP IMPROVEMENT PROGRAMME</b>                |  |
| 8:50-9:01  | Brassinosteroid regulates chlorophyll homeostasis and chloroplast development in <i>Arabidopsis</i> ( <u>Mr. Wing Shing WONG</u> , Prof. JX HE)                        |
| 9:01-9:12  | Molecular characterization of FREE1 suppressors in <i>Arabidopsis thaliana</i> ( <u>Ms. Ying ZHU</u> , Prof. LW JIANG)   |
| 9:12-9:23  | Photorespiration is the major source of NADH to mitochondria during photosynthesis ( <u>Ms. Shey-Li LIM</u> , Prof. BL LIM)  |
| 9:23-9:34  | Establishment of C4 photosynthesis in the maize leaf involves enhanced regulation of solute transport in the bundle sheath cell ( <u>Ms. Peng GAO</u> , Prof. BH KANG) |
| 9:34-9:45  | Role of N6-methyladenine DNA methylation in abiotic stress signaling among domesticated and wild rice relatives ( <u>Mr. William Xusheng ZHAO</u> , Prof. WK NG)       |
| 9:45-9:56  | Molecular Characterization of SH3P2 in Autophagy and Endocytosis ( <u>Ms. Lanlan FENG</u> , Prof. XH ZHUANG)   |
| 9:56-10:07                                       | Indirect health impacts of 1980–2010 dietary change in China via worsening of particulate matter air quality ( <u>Ms. Shirley Xueying LIU</u> , Prof. APK TAI)         |
| <b>ANIMAL BIOTECHNOLOGY PROGRAMME</b>            |  |
| 10:07-10:18                                      | Incense tree <i>Aquilaria sinensis</i> - genome, population, and insect interactions ( <u>Mr. Sean Tsz Sum LAW</u> , Prof. HL HUI)                                     |
| 10:18-10:29                                      | Role of transient receptor potential ankyrin 1 channels in embryonic stem cell-derived cardiomyocytes ( <u>Ms. Qianqian DING</u> , Prof. FSY TSANG)                    |
| 10:29-10:40                                      | Protective effects and mechanisms of butyrate on vascular endothelial dysfunction ( <u>Ms. Elaine Qingin TAIN</u> , Prof. WT WONG)                                     |
| 10:40-10:51                                      | Functional analysis of SOX9 in choroid plexus development and function ( <u>Dr. Harry Keng loi VONG</u> , Prof. KM KWAN)   |
| 10:51-11:11                                      | <b>Group Photo &amp; Light Refreshments</b>  |
| <b>STRESS TOLERANCE &amp; GENOMICS PROGRAMME</b> |  |
| 11:11-11:22                                      | Integrated analysis of lncRNA-perturbed networks reveals novel prognostic signatures across cancer types ( <u>Ms. Yunzhen WEI</u> , Prof. DJ GUO)                      |
| 11:22-11:33                                      | Identification of microRNAs and their possible roles in the soybean root and nodule ( <u>Mr. Kejing FAN</u> , Prof. HM LAM)  |
| 11:33-11:44                                      | Short peptides on a long journey: the long-distance signaling in plant ( <u>Mr. Johnson Wai Ching SIN</u> , Prof. SM NGAI)   |
| 11:44-11:55                                      | How SH3P2 interact with ATG8 in the autophagosome biogenesis in <i>Arabidopsis</i> ? ( <u>Ms. Shuangli SUN</u> , Prof. KB Wong)  |
| 11:55-12:06                                      | NAD tagSeq: a New Method for Identification and Characterization of NAD-capped RNAs ( <u>Mr. Hailei ZHANG</u> , Prof. YJ XIA)  |
| 12:06-12:17                                      | The role of <i>AtMYB30</i> in abiotic stress response networks in <i>Arabidopsis</i> ( <u>Mr. Yulong GONG</u> , Prof. JH ZHANG)  |
| 12:17-12:28                                      | An efficient ChIP-seq method for genome-wide identification of protein-DNA interactions in rice protoplasts ( <u>Ms. Wei HAO</u> , Prof. S ZHONG)                      |
| 12:28-12:39                                      | Structural variation and gene presence-absence variation detection in plants ( <u>Dr. Andy Yuxuan YUAN</u> , Prof. TF CHAN)  |
| 12:39-12:50                                      | Acyl-CoA-binding proteins play important roles in plant lipid metabolism ( <u>Dr. Zehua GUO</u> , Prof. ML CHYE)   |
| 12:50-13:01                                      | Lifestyle evolution in the <i>Rhizobiales</i> ( <u>Dr. Sishuo WANG</u> , Prof. HW LUO)   |
| 13:01-13:10                                      | Best Presentation Award and Final Remarks  |

