

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

(Concurrent meeting)

Date: 2 Nov 2013 (Sat)
Venue: LT1, Mong Man Wai Building, CUHK

Seminar Schedule

- 08:55 Opening remarks (Prof. JH Zhang, SKL Director)
- Crop Improvement Programme**
- 09:00 – 09:11 Small Kernel1 Encodes a Pentatricopeptide Repeat Protein That Is Required for Mitochondrial nad7-836 RNA Editing and Seed Development in Maize (Xiaojie LI, Prof. BC TAN)
- 09:11 – 09:22 Comparison of AtPAP2 and AtPAP9 – are they functionally redundant (Renshan ZHANG, Prof. BL Lim)
- 09:22 – 09:33 Protein-bound lysine biofortification using rice endogenous histones (Ho Wan WONG, Prof. SSM SUN)
- 09:33 – 09:44 Somatic hybridization and plant minichromosome transfer (Xiaoyu YANG, Prof. WC YU)
- 09:44 – 09:55 Roles of EXPO cargo protein in root and hypocotyl growth of *Arabidopsis* (Yu JIN, Prof. JH ZHANG)
- 09:55 – 10:06 Molecular Characterization of Vacuolar Sorting Receptor-Cargo Interaction (Jinbo SHEN, Prof LW JIANG)
- Animal Biotechnology Programme**
- 10:06 – 10:17 Espin is required for normal dendritogenesis of Purkinje cells in postnatal mouse cerebellum (Nga Chu LUI, Prof. KM KWAN)
- 10:17 – 10:28 Endogenous angiotensin II regulates the calcium transients of embryonic stem cell-derived cardiomyocytes via canonical transient receptor channel 3 (TRPC3) in an intracrine manner (Zenghua QI, Prof. SY TSANG)
- 10:28 – 10:39 Allergenicity assessment of transgenic rice with mouse model and serum testing (Wan Keung LAU, Prof. MC FUNG)
- 10:39 – 11:09 *Group Photo + Light refreshments*
- Stress Tolerance & Genomics Programme**
- 11:09 – 11:20 AtPUB4 controls the development of tapetal cells (Boying YU, Prof. YJ XIA)
- 11:20 – 11:31 The molecular mechanism of soybean salt tolerance inheritance phenomenon: from the perspective of histone modifications (Shanyuan ZHENG, Prof. SM NGAI)
- 11:31 – 11:42 Identification of a putative causal gene of salinity tolerance in soybean (Man Wah LI, Prof. HM LAM)
- 11:42 – 11:53 Identification and characterization of a new PTS1 motif in plants (Jue WANG, Prof. DJ GUO)
- 11:53 – 12:04 Functional studies of *Arabidopsis* BSL2 in mediating BR and N signaling crosstalk (Lifei GU, Prof. JX He)
- 12:04 – 12:15 *Arabidopsis* acyl-CoA-binding protein AtACBP1 is regulated by Pb(II) (Moxian CHEN, Prof. ML CHYE)
- 12:15 – 12:26 Progresses in elucidating cyanide detoxifying capacity of rice seedlings in response to hormonal/ environmental treatment(s) (Kwok Wai LAI and Prof. WK YIP)
- 12:26 – 12:37 Transcriptomic and small RNA analysis on soybean : a further study on the salt/stress tolerance mechanism (Kay Yuen YIM, Prof. TF CHAN)
- 12:37 – 12:48 Differential response of WRKY transcription factors to biotic stresses in *Arabidopsis* polyploids and hybrids (Kai Man LAM, Prof. WK Ng)
- 12:48 – 13:00 Best Presentation Award and Final Remarks



The Chinese University of Hong Kong
~~~ All SKL and IPMBAB lab members are welcome! ~~~

Contact IPMBAB Office for seat reservation

