



BRCAS-SLSCUHK Joint Symposium on Biodiversity & Genomics 2017



Program

Lecture Theatre 8, Cheng Yu Tung Building
The Chinese University of Hong Kong

11 March 2017 Saturday

0845	Registration
0915	Opening Ceremony Welcome Speech <i>Prof. Henry Wong</i> , Dean of Science and Head of New Asia College, CUHK Opening Remarks <i>Mr. Simon K. F. Chan</i> , Assistant Director (Conservation), Agriculture, Fisheries and Conservation Department, Hong Kong SAR Government <i>Prof. Kam Bo Wong</i> , Director, School of Life Sciences, CUHK <i>Prof. Shu-Miaw Chaw</i> , Director, Biodiversity Research Center, Academia Sinica Group Photo
Session 1	Chair - Ka Hou Chu
0940	Keynote Lecture <i>Wen-Hsiung Li</i> Genetic Basis for So Many Types of Feather in Birds
1010	<i>Mao-Ning Tuanmu</i> Environmental and Biodiversity Representativeness of Global Protected Area Networks
1030	<i>Ryuji Machida</i> Introducing MIDORI: Metazoan Mitochondrial Gene Sequence Reference Datasets for Taxonomic Assignment of Metagenetic Analyses
1050	Tea Break

Session 2	Chair - Ting Fung Chan
1130	<i>Benny K. K. Chan</i> Molecular Biogeography and Host Specificity of Coral Associated Barnacles (Cirripedia: Pyrgomatidae) in the Indo-Pacific Waters
1150	<i>Jerome H. L. Hui</i> How Hormones, MicroRNAs, and Genomes Contribute to the Evolution and Development in Arthropods?
1210	<i>Chih-Ming Hung</i> The Roles of Ecology, Behavior and Effective Population Size in the Evolution of an Avian Community
1230	Lunch (For All Participants)
Session 3	Chair - Benny K. K. Chan & Hon-Ming Lam
1400	<i>Shu-Miaw Chaw</i> Large-scale Comparative Analysis Reveals the Mechanisms Driving Plastomic Compaction, Reduction and Inversions in Conifers II (Cupressophytes)
1420	<i>Hon-Ming Lam</i> Investigating the Changes in Soybean Genome Due to Domestication and Human Selection
1440	<i>Kuo-Fang Chung</i> Resolving Evolutionary Radiation in <i>Berberis</i> sect. <i>Wallichiana</i> of Taiwan Using RADseq
1500	<i>Silin Zhong</i> Epigenome Reprogramming and Plant Development
1520	Tea Break and Poster Presentations
Session 4	Chair - Jerome H. L. Hui
1630	<i>Sen-Lin Tang</i> Ecological Role of the Bacteria <i>Endozoicomonas</i> in Corals
1650	<i>Haiwei Luo</i> A New Evolutionary Mechanism Giving Rise to Highly Reduced Genomes of Dominant Marine Bacterioplankton Lineages
1710	<i>Daryi Wang</i> Inferring Microbial Interactions in the Gut of the Hong Kong Whipping Frog (<i>Polypedates megacephalus</i>) and the Application on Probiotics
1800	Dinner (By Invitation)



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12 March 2017 Sunday

Session 5	Chair - Haiwei Luo
0930	<i>Chih-Yu Chiu</i> Influence of Bamboo Plantation on Soil Chemical Properties, Microbial Biomass and Community Structure in Warm Subtropical Badland Soils
0950	<i>Hoi Shan Kwan</i> Mushroomics: Genomics, Transcriptomics, and Evolutionary Biology of Mushrooms
1010	<i>Yin-Ru Chiang</i> Integrated Multi-omics Analyses Reveal the Biochemical Mechanisms and Phylogenetic Relevance of Anaerobic Steroid Catabolism by Bacteria
1030	Tea Break
1100-1200	Discussion and Concluding Remarks