



# 基因组及生物技术国际交流会议 暨农业生物技术国家重点实验室研讨会 International Mini-Symposium on Genomics and Biotechnology cum 2017 SKL Conference on Agrobiotechnology

23-25  
十一月  
November  
2017

会议场地 Venue:  
香港中文大学深圳研究院  
CUHK Shenzhen  
Research Institute

主办单位: 农业生物技术国家重点实验室夥伴实验室(香港中文大学)  
Organised by Partner State Key Laboratory of Agrobiotechnology, The Chinese University of Hong Kong

会议主持人: 林汉明教授(主任)及何群教授(主任)  
Conference Chairpersons: Prof. Hon Ming Lam and Prof. Qun He

共同主办单位: 中国农业大学农业生物技术国家重点实验室 | 香港中文大学深圳研究院 | 孔雀计划

Co-organisers: State Key Laboratory of Agrobiotechnology, China Agricultural University | CUHK Shenzhen Research Institute | The Peacock Program

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CUHK Shenzhen Research Institute Building, No.10, 2nd Yuexing Road, Nanshan District, Shenzhen, P.R.China

# 交流会议流程 PROGRAM RUNDOWN

## 24 November, 2017

9:00 - 9:30 **OPENING CEREMONY 开幕典礼** 2/F Lecture Hall

**Photo Taking 全体合照**

**Welcoming Note**

by Prof. Christopher H.K. Cheng - Director of the Shenzhen Research Institute, CUHK

**Opening Remarks**

by Representative of the Shenzhen Science and Technology Innovation Commission

by Prof. Hon Ming Lam - Director of Partner SKL of Agrobiotechnology, CUHK

欢迎致辞 郑汉其教授 - 香港中文大学深圳研究院院长

开幕致辞 深圳市科技创新委员会领导

林汉明教授 - 国家重点实验室夥伴实验室主任 (香港中文大学)

9:30-10:30 **KEYNOTE LECTURES 主题会议** 2/F Lecture Hall

(Chaired by Prof. Hon Ming Lam 主持人: 林汉明教授)

**Prof. Christine Foyer** - Professor of Plant Science, University of Leeds, UK

"LEA5: a protein at the interface between mitochondria and plastids."

**Prof. Samuel S.M. Sun** - Academician of the Chinese Academy of Engineering; Director of

Institute of Plant Molecular Biology and Agricultural Biotechnology, CUHK

"Biofortification of Rice with Lysine"

10:30-11:00

TEA BREAK 茶歇

11:00-12:15 **PLENARY TALKS 全体报告** 2/F Lecture Hall

(Chaired by Prof. Qun He 主持人: 何群教授)

**Prof. Jinsheng Lai** - Director of the National Maize Improvement Center, CAU

"Maize genomics and epigenomics"

**Prof. Hon Ming Lam** - Director of Partner SKL of Agrobiotechnology, CUHK

"Exploring the genome of wild soybean"

**Prof. Liwen Jiang** - Deputy Director of Partner SKL of Agrobiotechnology, CUHK

"Organelle biogenesis and function in plants"

**Prof. Chang-Fu Tian** - Associate Professor, CAU

"Evolutionary insights into rhizobial compatibility with soybeans"

12:15-13:30

LUNCH 午餐

13:30-14:30 **KEYNOTE LECTURES 主题会议** 2/F Lecture Hall

(Chaired by Prof. Hon Ming Lam 主持人: 林汉明教授)

**Prof. Anthony H.C. Huang** - Professor, University of California, Riverside

"Subcellular lipid droplets in plants: background, advances and applications"

**Prof. Maurice S.B. Ku** - Emeritus Professor, National Chiayi University & Washington State University

"Improving C3 crop productivity via a functional C4 photosynthesis"

14:30-14:45

TEA BREAK 茶歇

14:45-17:00

CONCURRENT SESSION 并行会议

**Genomics and Modeling Research**

基因组及模拟研究

- Rm 318 -

(Chaired by Prof. Jinsheng Lai

主持人: 赖锦盛教授)

**Biotechnology Research**

生物技术研究

- Rm 319 -

(Chaired by Prof. Kam Bo Wong

主持人: 黄锦波教授)

14:45-15:45

**Prof. Ting Fung Chan**

- Associate Professor, CUHK

"Optical mapping in crops genome"

**Prof. Huiqiang Lou**

- Professor, CAU

"Transcription factors determine genome-wide DNA replication timing program in yeast"

**Prof. Jerome H.L. Hui**

- Assistant Professor, CUHK

"The evolution and regulation of microRNAs in animals"

**Prof. Danny W.K. Ng**

- Assistant Professor, HKBU

"Preferential alleles interaction for defense in hybrids"

**Prof. Jingjuan Yu**

- Professor, CAU

"SiASR4, the target gene of SiARDP from *Setaria italica*, improves abiotic stress adaption in plants"

**Prof. Yiji Xia**

- Head of Dept of Biology, HKBU

"Redox signaling in plant stress response mediated by bZIP68"

**Prof. Zhengquan Yu**

- Professor, CAU

"The role of intestinal stem cells in homeostasis, regeneration and tumorigenesis"

**Prof. Wallace B.L. Lim**

- Associate Professor, HKU

"Novel findings in bioenergetics revealed by live imaging of ATP"

15:45-16:00

TEA BREAK 茶歇

16:00-17:00

**Prof. Haiwei Luo**

- Assistant Professor, CUHK

"Evolution of genomic nucleobase composition in Alphaproteobacterial lineages"

**Prof. Ziding Zhang**

- Professor, CAU

"Bioinformatics analyses of plant protein interactomes"

**Prof. Amos P.K. Tai**

- Assistant Professor, CUHK

"Modeling stomatal behavior and terpenoid biosynthesis for climate and air quality prediction"

**Prof. Shijun Zheng**

- Professor, CAU

"Sorcin, a negative regulator for hepatic inflammation"

**Prof. Junxian He**

- Assistant Professor, CUHK

"Brassinosteroid regulation of plant growth"

**Prof. Xun Suo**

- Professor, CAU

"A platform for cat toxoplasmosis vaccine"

**Prof. Faye S.Y. Tsang**

- Associate Professor, CUHK

"Extracellular and intracellular Angiotensin II regulate the automaticity of developing cardiomyocytes via different signaling pathways"

17:00-18:00

SKL ROUND TABLE DISCUSSION 国家重点实验室圆桌会议

Rm 211

25 November, 2017

AM

TOUR VISIT 考察