

PROGRAM

AUGUST 11, THURSDAY		
13:00-21:00	Arrival & Registration	Main Building at Tsinghua University
15:00-20:00	Poster Set-up	Main Building at Tsinghua University
18:00-20:00	Dinner	Jiasuo Hotel
AUGUST 12, FRIDAY		
Location: Main Building at Tsinghua University		
8:30-8:45	Introduction: Sheng Luan (University of California, Berkeley, USA) Opening Remarks: Zhihong Xu (Honorary President of CSPB) Welcome Address: Yijun Qi (Tsinghua University, Beijing, China)	
Session I – Hormone, Growth and Development		
Chairs: Xiaoya Chen (Institute of Plant Physiology and Ecology, CAS, Shanghai, China) Weicai Yang (Institute of Genetics and Developmental Biology, CAS, Beijing, China)		
8:45-9:10	Bernd Mueller-Roeber (University of Potsdam, Potsdam, Germany) Control of cellular physiology by NAC transcription factors	
9:10-9:35	Hong Gil Nam (DGIST, Daegu, Republic of Korea) Positive feedback regulation between the circadian clock and an aging regulator, ORE1, in plants	
9:35-10:00	Benjamin Blackman (University of California, Berkeley, USA) Shifting thresholds: the genetics of local adaptation of developmental plasticity to seasonal cues in <i>Mimulus</i>	
10:00-10:25	Jiawei Wang (Institute of Plant Physiology and Ecology, CAS, Shanghai, China) Clearance of Repressive Roadblocks Drives Plant Shoot Regeneration	
10:25-10:45	Tea Break	
10:45-11:10	Xing Wang Deng (Peking University, Beijing, China) Seedling transduces the depth and mechanical pressure of covering soil via COP1 and ethylene respectively to regulate EBF1/EBF2 for soil emergence	
11:10-11:35	Daoxin Xie (Tsinghua University, Beijing, China) Classic Hormone Receptor or Non-Canonical Hormone Receptor?	
11:35-12:00	Lixin Zhang (Institute of Botany, CAS, Beijing, China) Molecular Mechanisms of Chloroplast Retrograde Signaling	
12:00-14:00	Lunch	Jiasuo Hotel and Jinchunyuan Hotel

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Session II – Epigenetics	
Chair: Yijun Qi (Tsinghua University, Beijing, China)	
14:00-14:25	Xuemei Chen (University of California, Riverside, USA) Endoplasmic reticulum and microRNAs
14:25-14:50	Frederic Berger (Gregor Mendel Institute of Molecular Plant Biology, Vienna, Austria) Histone variants organize the genome and impact its function in <i>Arabidopsis</i>
14:50-15:15	Xiaofeng Cao (Institute of Genetics and Developmental Biology, CAS, Beijing, China) Posttranscriptional regulation mediated by protein arginine methylation
15:15-15:40	Yijun Qi (Tsinghua University, Beijing, China) Small RNAs and Genome Stability
Special Music & Science Session – Creative Disruptions	
15:40-16:10	Introduction by Natasha Raikhel (University of California, Riverside, USA) Performed by Yu Liu, Yizhang Liu, Wangyi Qun, Xiayu Li, etc.
16:10-16:40	Tea Break
16:40-18:00	Poster Session
18:00-20:00	Dinner Jiasuo Hotel and Jinchunyuan Hotel
AUGUST 13, SATURDAY	
Location: Main Building at Tsinghua University	
Session III – Stress and Adaption	
Chair: Eduardo Blumwald (University of California, Davis, USA)	
8:30-8:55	Eduardo Blumwald (University of California, Davis, USA) Modifications of Source-Sink Relationships and Stress Tolerance in Crop Plants
8:55-9:10	Seth Davis (University of York, York, UK) Stress adaptation from the plant circadian clock
9:10-9:35	Jiming Gong (Institute of Plant Physiology and Ecology, CAS, Shanghai, China) SINAR and nitrogen use efficiency
9:35-10:00	Jianming Li (Center for Plant Stress Biology, SIBS, CAS, Shanghai, China) <i>Arabidopsis</i> as a model system to study protein quality control
10:00-10:20	Tea Break
Session IV – Biotic Interactions	
Chair: Jianmin Zhou (Institute of Genetics and Developmental Biology, CAS, Beijing, China)	
10:20-10:45	Zuhua He (Institute of Plant Physiology and Ecology, CAS, Shanghai, China) Autoregulation of cell death and immunity for better yielding in rice

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10:45-11:10	Chung-Mo Park (Seoul National University, Seoul, Korea) Systemic immunity requires SnRK2.8-mediated nuclear import of NPR1 in <i>Arabidopsis</i>	
11:10-11:35	Chuanyou Li (Institute of Genetics and Developmental Biology, CAS, China) "Mediator-ing" jasmonate signaling	
11:35-12:00	Jianmin Zhou (Institute of Genetics and Developmental Biology, CAS, China) Plant-bacterial pathogen interactions: battle on the frontline	
12:00-14:00	Lunch	Jiasuo Hotel and Jinchunyuan Hotel
Session V – Systems Biology and Crop Improvement		
Chairs: Natasha Raikhel (University of California, Riverside, USA)		
Bin Han (Institute of Plant Physiology and Ecology, CAS, Shanghai, China)		
14:00-14:25	Jijie Chai (Tsinghua University, Beijing, China) Signature motif-guided identification of receptors for peptide hormones essential for root meristem growth	
14:25-14:50	Arthur Grossman (Carnegie Institution for Science, Stanford, USA) Paulinella Chromatophora and Plastid Evolution	
14:50-15:15	Rodrigo A. Gutiérrez (Pontificia Universidad Católica de Chile, Santiago, Chile) Systems approaches to map early events in the nitrate signaling pathway in <i>Arabidopsis thaliana</i>	
15:15-15:40	Yuling Jiao (Institute of Genetics and Developmental Biology, CAS, Beijing, China) Mechanical Regulation of Organ Asymmetry in Leaves	
15:40-16:10	Tea Break	
16:10-16:35	Jeffrey Bennetzen (The University of Georgia, Athens, USA) Metagenomic analysis of the co-evolution of plant genomes and microbial consortia	
16:35-17:00	Jiayang Li (Institute of Genetics and Developmental Biology, CAS, Beijing, China) Transcriptional regulation of Ideal Plant Architecture 1 by D53 in rice	
17:00-17:25	David Ow (South China Botanical Garden, CAS, Guangzhou, China) A Gene Stacking System and a Low Cd Trait for Rice	
17:25-17:50	Rod Wing (The University of Arizona, Tucson, USA) Harnessing Natural Variation across the Genus <i>Oryza</i>	
17:50-18:00	Closing Remarks Bin Han (Institute of Plant Physiology and Ecology, CAS, Shanghai, China)	
18:00-20:00	Dinner	Jiasuo Hotel and Jinchunyuan Hotel
AUGUST 14, SUNDAY		
	Departure	