

# China-Japan Joint Workshop on Rice Morphogenesis

## President

Jiayang Li, Institute of Genetics & Developmental Biology, CAS

## Co-Presidents

Junko Kyojuka, University of Tokyo

Yongbiao Xue, Institute of Genetics and Developmental Biology, CAS

Qian Qian, China National Rice Research Institute

## Academic Committee

Hongxuan Lin, Institute of Plant Physiology and Ecology, CAS

Ko Shimamoto, Nara Institute of Science and Technology

Motoyuki Ashikari, Nagoya University

Hongwei Xue, Institute of Plant Physiology and Ecology, CAS

Weicai Yang, Institute of Genetics and Developmental Biology, CAS

Kang Chong, Institute of Botany, CAS

Lijia Qu, Peking University

Bin Han, Beijing Institute of Genomics, CAS

Yaoguang Liu, South China Agricultural University

Dabing Zhang, Shanghai Jiao Tong University

Hirofumi Hirano, University of Tokyo

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Jianru Zuo, Institute of Genetics and Developmental Biology, CAS

Xiaofeng Cao, Institute of Genetics and Developmental Biology, CAS

Hongqing Ling, Institute of Genetics and Developmental Biology, CAS

Xiangdong Fu, Institute of Genetics and Developmental Biology, CAS

## Invited Speakers

Ko Shimamoto

Hongwei Xue

Junko Kyojuka

Bin Han

Hirofumi Hirano

Dabing Zhang

Yoshiaki Inukai

Yaoguang Liu

Yutaka Sato

Chengcai Chu

Shinjiro Yamaguchi

Chuanqing Sun

Hitoshi Yoshida

Guangheng Zhang

Kotaro Miura

Zhukuan Cheng

Hirofumi Tsuji

Tiegang Lu

Xiaofeng Cao

## Contact:

Fan Chen

Tel: +86-10-82614423

E-mail: fchen@genetics.ac.cn

Yingjiao Zhang

Tel: +86-10-62553286

E-mail: yjiaozhang@genetics.ac.cn

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## Organized by

Key Laboratory of Molecular and Developmental Biology, CAS

State Key Laboratory of Rice Biology

State Key Laboratory of Plant Genomics

State Key Laboratory of Plant Cell and Chromosome Engineering



Time: Oct 8-10, 2010

Venue: Xijiao Hotel, Beijing

Registration Fee: 800 RMB

Registration Deadline: Sep 30, 2010



## **Friday, October 8, 2010**

P.M.	14:00	<b>Registration at conference center (Building No.5)</b>
.	18:00	<b>Reception Dinner</b> <b>Jingyuan (景园) Restaurant, 1<sup>st</sup> Floor of Building No.5</b>

## **Saturday, October 9, 2010**

### **Venue: Jinyuan (金缘) Hall, 2<sup>nd</sup> Floor of Building No.5**

(25 minutes talk and 5 minutes for discussion for each presentation)

A.M.	7:30	<b>Breakfast</b> <b>Shangyuan (赏园) Restaurant, 2<sup>nd</sup> Floor of Building No.5</b>
		<b>Opening: Yongbiao Xue</b>
	8:30	<b> Jiayang Li (Vice President of CAS ): Opening Remarks</b> <b> Yongbiao Xue (Director of IGDB, CAS): Welcome Remarks</b>
		<b>Chairman of the session: Yongbiao Xue (IGDB, CAS)</b>
	8:50	<b>Hiroyuki Hirano (University of Tokyo)</b> Establishment of adaxial-abaxial polarity in stamen development in rice
	9:20	<b>Zhukuan Cheng (IGDB, CAS)</b> Homologous chromosome synapsis and recombination in rice
	9:50	<b>Yoshiaki Inukai (Nagoya University)</b> CRL5 promotes crown root formation through repressing cytokinin signaling in rice
	10:20	<b>Group photo, Coffee break</b>
		<b>Chairman of the session: Junko Kyojuka (Univ. Tokyo)</b>
	10:40	<b>Hongwei Xue (SIPPE, CAS)</b> Global transcriptional analysis revealed the complex regulation of rice seeds
	11:10	<b>Shinjiro Yamaguchi (RIKEN Plant Science Center)</b> Regulation of shoot branching by strigolactone
	11:40	<b>Bin Han (Institute of Genomics, CAS)</b> Large-scale genome sequencing based genotyping and genome-wide association studies in rice
P. M.	12:10	<b>Lunch</b> <b>Shangyuan (赏园) Restaurant, 2<sup>nd</sup> Floor of Building No.5</b>

13:00-14:30 **Poster Session**  
(odd number from 13:00-13:40pm, even number from 13:50-14:30pm)

*Chairman of the session: Kang Chong (Ins. Bot., CAS)*  
14:30 **Ko Shimamoto (Nara Institute of Science and Technology)**  
Structure and function of rice Hd3a florigen  
15:00 **Yaoguang Liu (South China Agricultural University)**  
Molecular basis of cytoplasmic male sterility in rice

*Chairman of the session: Ko Shimamoto (NAIST)*  
15:30 **Yutaka Sato (Nagoya University)**  
Analysis of the organogenesis defective mutants in rice  
16:00 **Xiaofeng Cao (IGDB, CAS)**  
PhasiRNA biogenesis in rice

16:30 **Coffee break**

*Chairman of the session: Xiangdong Fu (IGDB, CAS)*  
16:50 **Chuanqing Sun (China Agricultural University)**  
Genetic control of plant architecture of rice  
17:20 **Junko Kyojuka (University of Tokyo)**  
TAWAWA1, a dosage dependent negative regulator of spikelet meristem identity in rice  
17:50 **Dabing Zhang (Shanghai Jiao Tong University)**  
Biosynthesis of anther cuticle and pollen exine in rice  
18:30 **Dinner banquet hosted by IGDB**  
**Dongyuan (东园) Restaurant, 1<sup>st</sup> Floor of Building No.5**

### **Sunday, October 10, 2010**

A.M. 7:30 **Breakfast**  
**Shangyuan (赏园) Restaurant, 2<sup>nd</sup> Floor of Building No.5**  
  
*Chairman of the session: Weicai Yang (IGDB, CAS)*  
8:30 **Hitoshi Yoshida (National Institute of Crop Science)**  
Regulatory network of MADS-box genes in rice flower development; roles of B-class and AGL6-like genes  
9:00 **Guangheng Zhang (China National Rice Research Institute)**  
Molecular cloning and functional characterization of genes involved in regulation of leaf shape in rice

	9:30	<b>Kotaro Miura (Fukui Prefectural University)</b> OsSPL14 promotes panicle branching and higher grain productivity in rice
	10:00	<b>Coffee break</b>
		<b>Chairman of the session: Yutaka Sato (Nagoya University)</b>
	10:20	<b>Tiegang Lu (Biotechnology Research Institute, CAAS)</b> A Zip transcription factor OCU1, negatively regulates bulliform cell formation in Rice Leaf
	10:50	<b>Hiroyuki Tsuji (Nara Institute of Science and Technology)</b> Functional analysis of rice homolog of FD, a bZip transcription factor interacting with florigen Hd3a
	11:20	<b>Chengcai Chu (IGDB, CAS)</b> Rice DENSE AND ERECT PANICLE 2 is essential for determining panicle outgrowth and elongation
	11: 50	<b>Closing: Qian Qian (China National Rice Research Institute)</b> <b>Close remarks by Dr. Yongbiao Xue and Junko Kyozyuka</b>
P.M.	12:00	<b>Lunch</b> <b>Shangyuan (赏园) Restaurant, 2<sup>nd</sup> Floor of Building No.5</b>
	13:30	<b>Leaving</b> <b>Field trip to the Great Wall: overseas attendees only</b>
	18:30	<b>Dinner</b> <b>Xiyuan (西园) Restaurant, 1<sup>st</sup> Floor of Building No.1</b>

#### **Shuttle Bus Schedule:**

##### Oct 9, 2010

7:30 Building No.1, IGDB → Building No.5, Xijiao Hotel

##### Oct 10, 2010

8:00 Building No.1, IGDB → Building No.5, Xijiao Hotel

12:40 Building No.5, Xijiao Hotel → Building No.1, IGDB