

THE SECOND INTERNATIONAL SYMPOSIUM  
ON BIOENERGY AND BIOTECHNOLOGY

IN CONJUNCTION WITH  
MISCANTHUS WORKSHOP

( First Announcement )



October 15-22<sup>th</sup> 2010  
Wuhan CHINA



## **GENERAL INFORMATION**

Concerns about natural resource shortage, energy crisis and globe warming have been seriously raised over the world. As an ideal way, application of biomass-based biofuels is currently considered for the energy supply and environmental protection. Since the economy is developing rapidly in China, we have to face the challenge for the enormous energy demand in the near future. Therefore, developing biofuels may be a long-term strategy for satisfying the need of energy in China. To facilitate the related scientific research on biomass and bioenergy, Huazhong Agricultural University herein organizes the second International Symposium on BioEnergy and Biotechnology, followed with Miscanthus Workshop. The symposium/workshop will not only invite international experts for lectures on various scientific and social topics, but also bring together anyone interested in biomass and bioenergy research and industrialization.

### **The symposium topics will include:**

- Plant photosynthesis and biomass productivity,
- Plant cell wall biosynthesis and biomass degradation,
- Energy crops and environmental adaptation,
- Energy microorganisms and biomass conversion,
- Biotechnology and engineering for biofuels,
- Bioenergy policies in China and over the world.

### **The workshop presentations will cover:**

- Miscanthus physiology and sustainable production,
- Miscanthus Ecology, taxonomy, germplasm collection and conservation,
- Miscanthus genomics and genetic diversity,
- Miscanthus breeding.

## **INVITED AND ACCEPTED EXPERTS**

**Dr. Michael Thomashow**, Academician, Michigan State University, USA.

**Dr. Kenneth Keegstra**, Michigan State University, USA.

**Dr. Tony Bacic**, Academician, University of Melbourne, Australia.

**Dr. Vincent Bulone**, KTH Royal Institute of Technology, Center Director, Swedish Center for Biomimetic Fiber Engineering, Sweden.

**Dr. Geoffrey Fincher**, University of Adelaide; Director, Waite Agricultural Research Institute; Depute CEO, Australian Centre For Plant Functional Genomics; Editorial Board, *Planta*, Australian.

**Dr. Markus Pauly**, University of California, Berkeley; Fred Dickinson Chair of Wood Science and Technology; Editorial Board of *Plant Cell*, USA.

**Dr. Art J. Ragauskas**, Georgia Institute of Technology; Fulbright Distinguished Chair in Alternative Energy, USA.

**Dr. Steve Long**, University of Illinois, USA.

**Dr. Henry Daniell**, Board Chairman, University of Central Florida, USA.

**Dr. Nick Carpita**, University of Purdue, USA.

**Dr. Neal Gutterson**, President and CEO, Mendel Biotechnology, USA.

**Dr. Nikos Kyrpides**, Senior Scientist and Group Leader, US DOE-Joint Genome Institute and Lawrence Berkeley Laboratory, USA.

**Dr. Minhua Zhang**, Professor, University of California, Davis, USA.

**Dr. Qifa Zhang**, Academician, Huazhong Agricultural University, China.

**Prof. Tingdong Fu**, Academician, Huazhong Agricultural University, China.

**Prof. Zhihong Xu**, Academician, Chairman of Chinese Society for Plant Physiology, Peking University, China.

**Prof. Yuanchun Shi**, Academician, China Agricultural University, China.

**Dr. Jiayang Li**, Academician and Vice President, Institute of Genetics and Developmental Biology, CAS, China.

**Prof. Tingyun Kuang**, Academician, Institute of Botany, CAS, China.

**Dr. Zuoyan Zhu**, Academician, Institute of Hydrobiology, CAS, China.

**Dr. Jindong Zhao**, Academician, Institute of Hydrobiology, CAS, China.

**Dr. Xianen Zhang**, Director-General, Department of Basic Research, Ministry Science and Technology, China.

**Dr. Geng Xu**, Shenzhen Graduate School, Peking University, China.

**Dr. Bin Han**, Institute of Plant Physiology & Ecology, CAS, China.

**Dr. Haichun Jing**, Institute of Botany, CAS, China.

**Dr. Jian Xu**, Qingdao Institute of Bioenergy and Bioprocess Technology, CAS, China.

**Dr. Gongke Zhou**, Qingdao Institute of Bioenergy and Bioprocess Technology, CAS, China.

**Dr. Laigeng Li**, Institute of Plant Physiology & Ecology, CAS, China.

**Prof. Jisen Shi**, Nanjing Forestry University, China.

**Dr. Mengzhu Lu**, Chinese of Academy of Forestry, China.

**Dr. Yihua Zhou**, Institute of Genetics and Developmental Biology, CAS, China.

**Dr. Junhua Peng**, Wuhan Botanical Garden, CAS, China.

**Dr. Xiaoyu Zhang**, Huazhong University of Science and Technology, China

**Dr. Guojiang Wu**, South China Botanical Garden, CAS, China.

**Dr. Jianxiong Jiang**, Hunan Agricultural University, China.

**Dr. Peng Zhang**, Institute of Plant Physiology & Ecology, CAS, China.

**Dr. Shizhong Li**, Tsinghua University, China.

**Dr. Hongzhang Chen**, Institute of Process Engineering, CAS, China.

**Dr. Yinbo Qu**, Shangdong University, China.

**Dr. Xiaolei Wu**, Peking University, China.

**Dr. Jiaxun Peng**, Guangxi University, China.

**Dr. Jianzhong Sun**, Jiangsu University, China.

**Dr. Ziniu Yu**, Huazhong Agricultural University, China.

**Dr. Xianlong Zhang**, Huazhong Agricultural University, China.

**Dr. Kaihong Zhao**, Huazhong Agricultural University, China.

**Dr. Ziduo Liu**, Huazhong Agricultural University, China.

**Dr. Xinsheng Zheng**, Huazhong Agricultural University, China.

**Other foreign experts have been invited:**

Paul Schulze-Lefert, Michael Himmel, Edwin Rubin, Tom Voigt, Damin Allen,

Emily Heaton, Ryan Stewart, Yamada, Sheila McCormick, Do-Soon Kim,

Andy Paterson, Steve Moose, Katrin Jacob, Erik Sacks, Jack Juvik, John Clifton-Brown

**Schedule:**

October 15 <sup>th</sup> Afternoon:	Arrival and registration
October 16-17 <sup>th</sup> :	Lectures and posters on bioenergy
October 18 <sup>th</sup> :	Miscanthus workshop
October 19 <sup>th</sup> :	Miscanthus field tour to Changsha
October 20 <sup>th</sup> -21 <sup>th</sup> :	Tour to National Forest Park, Zhang Jia Jie and Scientific Discussions
October 22 <sup>th</sup> :	Departure

### **Organizers:**

Dr. Liangcai Peng	Huazhong Agricultural University
Dr. Xianlong Zhang	Huazhong Agricultural University
Dr. Laigeng Li	Chinese Academy of Science
Dr. Fassong Zhou	Mendel Biotechnology, Inc.
Prof. Zili Yi	Hunan Agricultural University

### **Hosts:**

#### **Huazhong Agricultural University**

Biomass and Bioenergy Research Center,  
National Rapeseed Engineering Research Center,  
National Key Laboratory of Crop Genetic Improvement,  
College of Plant Sciences and Technology.

#### **Chinese Society for Plant Physiology**

Biomass and Bioenergy Committee

#### **Mendel Biotechnology, Inc.**

Bioenergy Seeds Division

#### **Hunan Agricultural University**

Miscanthus Collection Center

### **Venue and Hotel:**

Great Lecture Hall, International Academic Exchanging Hotel, Huazhong Agricultural University, Wuhan, 430070, P.R. China.

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