

JST-CREST International Symposium

# Productivity Improvement of Plants :From Model to Crop Plants

2014.1.10 (Fri)

Kinsyo Hall, Kinsho Kaikan,  
Todaiji Culture Center (Nara)

## Program

9:30~9:35

Opening Remarks

Akira Isogai (Nara Institute of Science and Technology)

9:35~9:50

Symposium Objective

Akiho Yokota (Nara Institute of Science and Technology)

9:50~10:30

Improving Photosynthetic Efficiency for Improved Crop Yield

Donald Ort (University of Illinois)

10:30~11:10

The role of redox regulation in plant growth and metabolism

Ina Thormählen (Ludwig-Maximilians-Universität München)

11:10~11:40

Enhancement of photosynthesis and productivity by

introducing the Calvin cycle enzymes

Masahiro Tamoi (Kinki University)

11:40~12:10

Rubisco, Nitrogen and Plant Growth in Rice

Amane Makino (Tohoku University)

13:30~14:10

Towards engineering C4 photosynthesis: Lessons from transcriptomic and evolutionary analyses

Andreas P.M. Weber (Heinrich Heine University Düsseldorf)

14:10~14:50

Boosting source and sink capacities doubles tuber starch yield of triple-transgenic potato

Frank Ludewig (University of Cologne)

14:50~15:20

Optimizing plant traits for maximizing plant production

Kouki Hikosaka (Tohoku University)

15:40~16:20

Towards better cassava: the role of biotechnology

Hervé Vanderschuren (ETH Zürich)

16:20~16:50

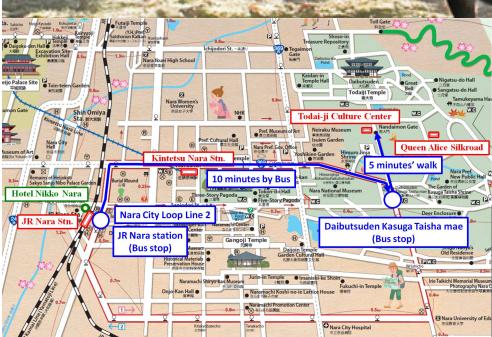
Molecular mechanism of florigen function and application of florigen in crop improvement

Hiroyuki Tsuji (Nara Institute of Science and Technology)

16:50~17:00

Closing Remarks

Shigeru Shigeoka (Kinki University)



★Admission free  
★No advance registration required  
★Language: English

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