



冷泉港·亞洲  
Cold Spring Harbor Asia



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HOME MEETINGS & COURSES

## Meetings & Courses



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### Latest Advances in Plant Development & Environmental Response, AWAJI, JAPAN

**Awaji Yumebutai Conference Center, Japan**

November 29 – December 2, 2016

**Abstract deadline: October 2, 2016**

[Download Flyer](#)

Organized by:

**Philip Benfey**, HHMI/Duke University, USA

**Wolf Frommer**, Stanford University, USA

**Keiko Sugimoto**, RIKEN Center for Sustainable Resource Science, Japan

**Jian-Kang Zhu**, Shanghai Center for Plant Stress Biology, China

**Cyril Zipfel**, The Sainsbury Laboratory, United Kingdom

We are pleased to announce **the Cold Spring Harbor Asia conference on Latest Advances in Plant Development & Environmental Responses** which will be held in **Awaji, Japan, close to Kobe**. The conference will begin at **7:00pm on the evening of Tuesday November 29, and will conclude after dinner on Friday December 2, 2016**.

The conference will include eight oral sessions and one poster session covering the latest findings across many topics in plant biology. Many talks will be selected from the openly submitted abstracts on the basis of scientific merit and relevance. Social events throughout the conference provide ample opportunity for informal interactions.

#### Conference Venue & Accommodation

Cold Spring Harbor Asia conferences in Japan are arranged in **Awaji Yumebutai International Conference Center**

**<https://amarys-jtb.jp/csh-asia-plant/>**, which is part of a one-of-a-kind "environment creation" project equipped with professional conference facilities and blended into the magnificent landscape, designed by the famous architect Tadao Ando.

#### Major Topics:

1. Cellular signalling in development
2. Cellular signalling in environmental response
3. Cell-to-cell communication
4. Long-distance signal transport
5. Epigenetic control in development
6. Epigenetic control in environmental response
7. New technologies

#### Keynote Speakers:

**Yoshikatsu Matsubayashi**, Nagoya University, Graduate School of Science, JAPAN

Abstract title: Identification of novel peptide ligand-receptor pairs in plants

**Kenichiro Itami**, Nagoya University, Graduate School of Science, JAPAN

**Invited Speakers:**

**Isabel Bäurle**, University Potsdam, GERMANY

Abstract title: Chromatin regulation of heat stress memory

**Youssef Belkhadir**, Gregor Mendel Institute of Molecular Plant Biology, AUSTRIA

Abstract title: When CSI meets FBI: Merging Advanced Microscopy and High-Throughput Proteomic Technologies to Understand Cell Surface Signaling in the Context of the Plant Extracellular Matrix

**Philip Benfey**, HHMI/Duke University, USA

Abstract title: Underground Signaling Networks

**Ana Caño-Delgado**, Center for Research in Agricultural Genomics, SPAIN

**Xiaofeng Cao**, Institute of Genetics & Developmental Biology, CAS, CHINA

**Sean Cutler**, University of California, Riverside, USA

**Joseph Ecker**, HHMI/ The Salk Institute for Biological Studies, USA

**Edward Farmer**, University of Lausanne, SWITZERLAND

Abstract title: Axial and radial signals that lead to jasmonate synthesis in wounded Arabidopsis

**Christine Faulkner**, John Innes Centre, UNITED KINGDOM

Abstract title: Receptor-mediated regulation of cell-to-cell communication during pathogen attack

**Wolf Frommer**, Stanford University, USA

Abstract title: The role of the host nutrient supply chain and metabolic signaling processes in pathogen susceptibility Tetsuya Higashiyama:

Signaling in Pollen Tube Guidance

**Hiroo Fukuda**, The University of Tokyo, JAPAN

Abstract title: Cell-cell communications regulating vascular cell fates in plants

**Simon Gilroy**, University of Wisconsin-Madison, USA

Abstract title: Making waves: stress signaling in Arabidopsis

**Zhizhong Gong**, China Agricultural University, CHINA

Abstract title: Regulation of PP2C phosphatases in ABA signaling

**Tetsuya Higashiyama**, Nagoya University, JAPAN

**Ildoo Hwang**, Integrative Biosciences and Biotechnology, Postech, SOUTH KOREA

Abstract title: Regulatory aspects of glycogen synthase kinases on auxin signaling during plant development

**David Jackson**, Cold Spring Harbor Laboratory, USA

Abstract title: New pathways in stem cell regulation

**Michael Knoblauch**, Washington State University, USA

Abstract title: New Insights on the Physiology and Cell Biology of Phloem Transport and Unloading.

**Ryan Lister**, The University of Western Australia, AUSTRALIA

**Salome Prat**, Centro Nacional de Biotecnología-CSIC, SPAIN

**Sabrina Sabatini**, University of Rome, La Sapienza, ITALY

Abstract title: How to establish a developmental boundary

**Ken Shirasu**, RIKEN Center for Sustainable Resource Science, JAPAN

Abstract title: Molecular elucidation of parasitic plant-host Interactions

**Rüdiger Simon**, Heinrich-Heine-Universität Düsseldorf, GERMANY

Abstract title: Dynamics of stem cell signalling pathways in plants

**Rosangela Sozzani**, North Carolina State University, USA

Abstract title: Tracking transcription factor mobility and interaction in living Arabidopsis roots with fluorescence correlation spectroscopy

**Keiko Sugimoto**, RIKEN Center for Sustainable Resource Science, JAPAN

Abstract title: Epigenetic control of plant cell reprogramming

**Bing Yang**, Iowa State University, USA

Abstract title: TALEN- and CRISPR/Cas9-based gene editing in maize and rice

**Jian-Kang Zhu**, Purdue University and Shanghai Center for Plant Stress Biology, USA/CHINA

**Cyril Zipfel**, The Sainsbury Laboratory, UNITED KINGDOM

Abstract title: Regulation of receptor kinase-mediated immune signaling

We encourage abstracts to contain new and unpublished materials. The abstracts must be submitted electronically by the abstract deadline. Selection of material for oral and poster presentation will be made by the organizers. Status (fellow's talk/poster) of abstracts will be posted on our web site as soon as decisions have been made by the organizers.

**Fellowship:**

We are eager to have as many young people as possible attend since they are likely to benefit most from this meeting. A certain number of presentations by graduate students and postdocs in this conference will be selected as fellowship (USD \$100-\$500) awards. For more details, please visit <http://www.csh-asia.org/stipends.html>

We look forward to seeing you at Awaji in November, 2016.

Sponsored by:



平成 27~31 年度 文部科学省 科学研究費補助金 新学術領域研究  
植物の成長可塑性を支える環境認識と記憶の自律分散型統御システム



## Package Content:

Package Type	Early Registration	Late Registration
	Payment Deadline: November 1, 2016	Payment Deadline: Before Arrival
Academic	\$850	\$990
Student	\$450	\$550
Corporate	\$1,060	\$1,240
Media	\$550	\$620

## CSHA Connect

## Location

## Latest News

Cold Spring Harbor Lab conferences:  
<https://meetings.cshl.edu>

Cold Spring Harbor Laboratory Press:  
<http://www.cshlpress.com/asia>

DNA Learning Center: <https://www.dnalc.org/>

Cold Spring Harbor Asia Conferences 冷泉港亚洲会务  
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**9**  
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