

Japan-Taiwan Plant Biology

# JTPB2026



March 16  
2026  
Tokyo, Japan

*“Plant Environmental  
Adaptation: Japan–Taiwan  
Collaborations Towards  
Sustainable Futures”*



東京大学  
THE UNIVERSITY OF TOKYO



The Japanese Society of  
Plant Physiologists



Taiwan Society of  
Plant Biologists

## Greeting

The Japanese Society of Plant Physiologists (JSPP) and the Taiwan Society of Plant Biologists (TSPB) have been strengthening international collaboration by holding regular joint international conferences since 2017. We are pleased to announce the Japan-Taiwan Plant Biology 2026 (JTPB2026) to be held in March 2026, seven years since the last Japan-Taiwan Plant Biology 2019 (JTPB2019) was held in Nagoya, Japan.

The number of JSPP members working as researchers and principal investigators in Taiwan is recently increasing. JSPP is currently promoting the MIRAI 2030 project, to enhance the international presence of Japanese plant science and the overseas expansion of JSPP members. The strengthening of exchanges between Japan and Taiwan is one of the major drivers of such MIRAI 2030 project. The theme of JTPB2026 is “Plant Environmental Adaptation: Japan–Taiwan Collaborations Towards Sustainable Futures.” We hope that you will actively participate in JTPB2026, and we look forward to active discussions and exchanges with plant scientists between Japan and Taiwan for our fruitful future.

**JTPB2026 Organizing Committee**

## Notice



### **Full Conference Registration Includes**

- Access to the JSPP program (March 13-15, 2026) [Venue: Meiji Univ.]
- Welcome Party for TSPB members (March 15, 2026) [TSPB members only]
- Access to the JTPB2026 program (March 16, 2026) [Venue: Univ. Tokyo]

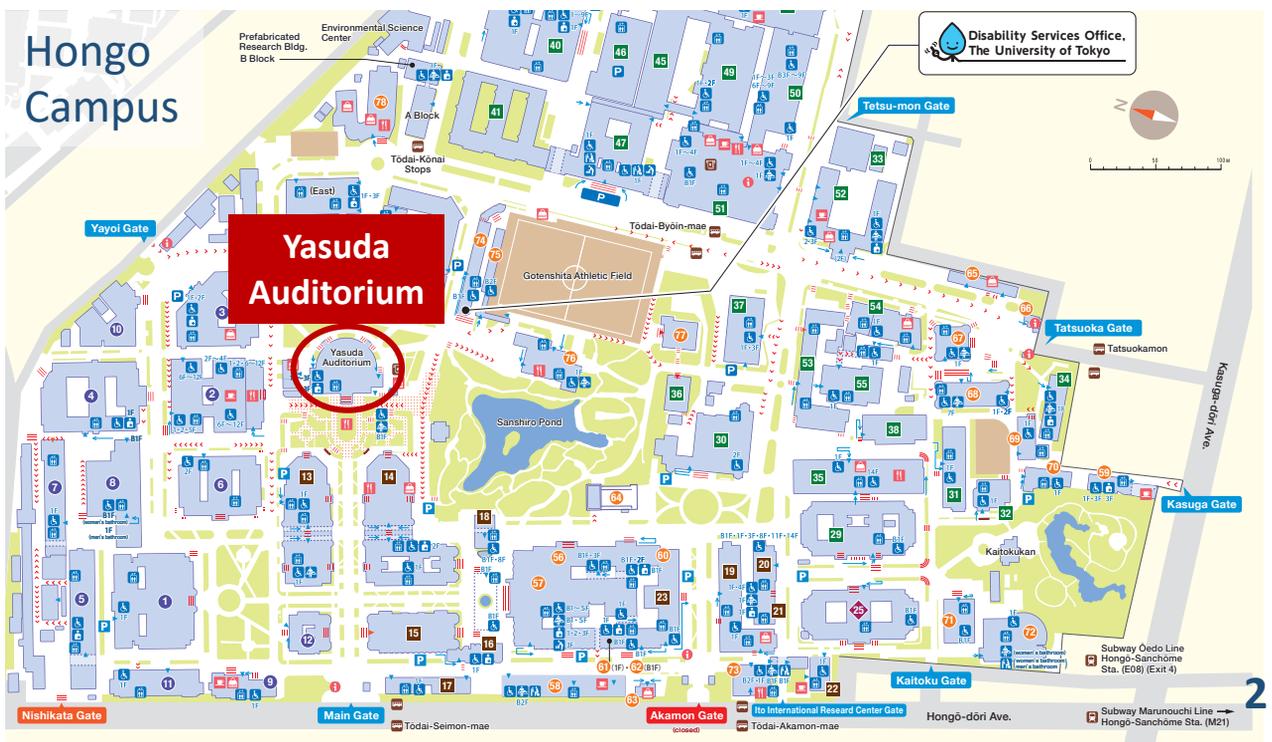
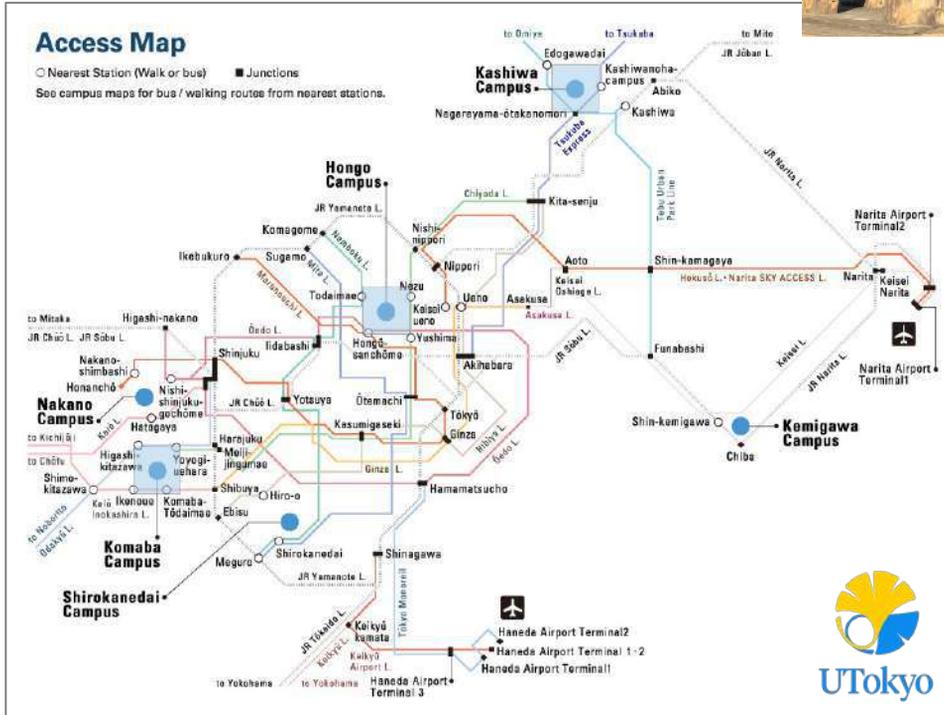
\*No on-site registration will be opened at the JTPB2026.

**You must carry your participation pass to enter the venue. Please be sure to bring either the mailed pass or a printed copy. Staff will check passes at the entrance of Yasuda Auditorium.**

**Food and drink are prohibited inside the venue, Yasuda Auditorium. Since you must exit the auditorium for meals and refreshments, please keep your participation pass with you at all times throughout the day.**

# Meeting Venue

**Yasuda Auditorium**  
**Hongo Campus, The University of Tokyo**  
 7-3-1 Hongo, Bunkyo-ku  
 Tokyo 113-8654



## Program

8:30	<b>Venue Open</b>	
9:00 ~ 9:15	<b>Opening Remarks</b>	
9:15 ~ 9:45	<b>Keynote Talk 1</b>	<b>Dr. Junko Kyojuka (経塚淳子)</b> <b>Tohoku University, Japan</b>  The Evolutionary Story of Strigolactone Signaling
9:45 ~ 10:10	<b>Invited Talk 1</b>	<b>Dr. Kuo-Chen Yeh (葉國楨)</b> <b>Academia Sinica, Taiwan</b>  Uncoupling Aerenchyma and Iron Plaque Formation in Rice
10:10 ~ 10:35	<b>Invited Talk 2</b>	<b>Dr. Makoto Shirakawa (白川一)</b> <b>Academia Sinica, Taiwan</b>  Beyond Amino-Acid Changes: A Non-canonical Route to Diversification of Plant Cell Types
10:35 ~ 10:55	<b>Invited Talk 3</b>	<b>Dr. Mei-Chun Cheng (鄭梅君)</b> <b>National Taiwan University, Taiwan</b>  Illuminating Translational Control under Heat Stress: SPA Kinases Link Light Signaling to Stress Granule Dynamics
10:55 ~ 11:15	<b>Invited Talk 4</b>	<b>Dr. Tomoaki Muranaka (村中智明)</b> <b>Nagoya University, Japan</b>  Beyond Timekeeping: Unveiling the Multifaceted Functions of the Circadian Clock
11:15 ~ 11:35	<b>Invited Talk 5</b>	<b>Dr. Han Tang (唐涵)</b> <b>National Chung Hsing University, Taiwan</b>  F-Actin Polarization and Microtubule Integrity Direct Regeneration Patterns and Polarity of Cell Outgrowth in Wound-Induced Reprogramming

- 11:35 ~ 11:55 **Invited Talk 6** **Dr. Natsu Katayama (片山なつ)**  
**The University of Tokyo, Japan**  
How Embryogenesis Shapes Drastic Changes in Plant Body Plans
- 11:55 ~ 13:15 **Lunch Break**
- 13:15 ~ 13:40 **Invited Talk 7** **Dr. Shih-Shun Lin (林詩舜)**  
**National Taiwan University, Taiwan**  
Potyviral HC-Pro Selectively Inhibits HEN1 and Triggers AGO1 Autophagy: Evidence for AGO1 Targeting Autonomy
- 13:40 ~ 14:05 **Invited Talk 8** **Dr. Akifumi Sugiyama (杉山暁史)**  
**Kyoto University, Japan**  
Bacterial Catabolism of Plant Specialized Metabolites Modulates Rhizosphere Interactions
- 14:05 ~ 14:30 **Invited Talk 9** **Dr. Shu-Yi Yang (楊淑怡)**  
**National Taiwan University, Taiwan**  
Coordinated Regulation of AM Symbiosis and Root Development Enhances Tomato Adaptation to Low Phosphate
- 14:30 ~ 14:50 **Invited Talk 10** **Dr. Moeko Okada (岡田萌子)**  
**Niigata University, Japan**  
Historical Genomics Reveals the Timing of Hybridization in Wheat Powdery Mildew
- 14:50 ~ 15:10 **Invited Talk 11** **Dr. Fu-Yu Hung (洪福佑)**  
**National Chung Hsing University, Taiwan**  
The Underexplored Epigenetic and Developmental Regulators of Plant Callus Formation and Regeneration

15:10 ~ 15:20 **Break**

15:20 ~ 15:50 **Keynote Talk 2** **Dr. Yi-Fang Tsay (蔡宜芳)**  
**Academia Sinica, Taiwan**  
Orchestrating NRT1s in the Plasmamembrane  
and DTXs in the Tonoplast for Efficient Nitrate  
Utilization

15:50 ~ 16:15 **Invited Talk 12** **Dr. Miyo Terao Morita (森田美代)**  
**National Institute for Basic Biology, Japan**  
Gravity Sensing and Signaling in Gravitropism

16:15 ~ 16:35 **Invited Talk 13** **Dr. Ooi-Kock Teh (鄭惠國)**  
**Academia Sinica, Taiwan**  
A Putative Cell Wall Integrity Sensor Coordinates  
Cell Cycle Progression in *Phycomitrium patens*

16:35 ~ 16:55 **Invited Talk 14** **Dr. Hiraku Suda (須田啓)**  
**Saitama University, Japan**  
Molecular Basis of Mechanosensing in the Venus  
Flytrap

17:00 ~ 17:20 **Closing Ceremony**  
**(Taiwan Visit Support Lottery for JSPP Young Members)**

17:50 **Venue Closing**

**For JSPP Young Members:**

You can join the Taiwan Visit Support lottery event.  
Fill out the form provided at the venue with your name,  
affiliation, and position (grade), then submit it to the entry box  
by the afternoon break.

The lottery drawing will be held during the closing ceremony.  
Winners will receive support for a visit to Taiwan!

\* To be selected, you must be present at the lottery drawing.