

**GeneBay, Inc. Luncheon Seminar****“Genome and transcriptome analysis by nanopore sequencing”****Date** Wed., March 15, 12:45–13:45**Venue** Room X**Speaker:** Yasuo Uemura (GeneBay, Inc.)

Nanopore sequencers are state-of-the-art next generation sequencers that can read nucleotide sequences by monitoring changes to an electrical current as nucleic acids are passed through a protein nanopore. Nanopore sequencers have made remarkable progress in recent years and are now widely used not only for genome analysis of higher organisms, but also for transcriptome and epigenome analysis. In this seminar, we will present examples of genomic, transcriptomic, and methylation analysis using human or plant samples and discuss the current capabilities and accuracy of the nanopore sequencing analysis.

## PCP Luncheon Seminar

### “Publishing Success with Plant & Cell Physiology”

**Date** Wed., March 15, 12:45–13:45

**Venue** Room: Z

**Speakers:** Wataru Sakamoto (Editor-in-Chief), Liliana Costa (Managing Editor)

Publishing articles is a key component of research and development, allowing a widespread dissemination of knowledge that paves the way for scientific advancement within multiple disciplines. As well as informing the audience about the latest journal updates, this seminar also serves to provide deeper insight for authors about publishing their research – offering tips for publishing success at all stages of the process: pre-submission, submission, and post-acceptance. The session will close with a reflection on recent PCP papers which have drawn public attention through press releases, and an open discussion with some of the PCP Editors.

**Seminar outline:**

1. Journal updates and new developments
2. Tips for publishing success with PCP
3. Q & A — the audience will be given the opportunity to ask questions to the PCP Editors and editorial staff at the end of the seminar

## Evident Corporation Luncheon Seminar “Elucidating dynamics of reproductive events in flowering plants”

**Date** Thu., March 16, 12:15–13:15

**Venue** Room X

**Speaker:** Daisuke Maruyama, Ph.D. (Kihara Institute for Biological Research, Yokohama City University)

**Sponsor:** Evident Corporation



## Luncheon Seminar

### “An Encouragement of Studying/Working Abroad”

**Date** Thu, March 16, 12:15–13:15

**Venue** Room Z

**Co-organized by the JSPP International Committee and the United Japanese Researchers Around the World (UJA)**

**Panelists:** Chihiro Furumizu (Hiroshima University)

Takashi Hamaji (The Donald Danforth Plant Science Center, Saint Louis, USA)

Michitaka Notaguchi (Nagoya University)

Natsuki Omae (Huazhong Agricultural University, Wuhan, China)

Mizuki Takenaka (Kyoto University)

Kanade Tatsumi (CNRS, University of Strasbourg, Strasbourg, France)

Increasing the equity, diversity, and inclusion of the JSPP and the Japanese academic community is of critical importance. The JSPP International Committee aims to strengthen the international research competitiveness of our research community by, for instance, increasing the number of researchers who have studied/worked abroad. Fortunately, many researchers and students seem to be interested in studying abroad; however, they also face some risks and uncertainties triggered by the need for actual knowledge about the reality of studying abroad. In this luncheon seminar, we gather feedback from the researchers/ students who have studied abroad to aid those willing to consider their career options outside of Japan. The seminar will consist of flash talks, followed by a panel discussion where we try to address questions from the audience.

## Seminar on Gender Equality

### “How we should hire and get hired: from large-scale survey data to think our field of research”

**Date** Fri., March 17, 12:15–13:15

**Venue** Room X

**Speaker:** Dr. Yuki Sudo (Professor, Okayama University / The Biophysical Society of Japan)

At this year's seminar, as a topic of the luncheon seminar on gender equality, we will pick up the current status and issues of employment in the field of science and technology in Japan, based on the results of “5th Large-Scale Survey of Actual Conditions of Gender Equality in Scientific and Technological Professions” conducted from October 20 to November 30, 2021. In the seminar, Dr. Yuki Sudo, who was in charge of analyzing the results of this survey, will give a talk on the analysis results. In particular, we would like to discuss how “Termination of Employment Doctrine” has affected our field of research and the gender gap, and how we should respond to it from each point of view. We welcome your comments on what we can do and what we should do for our future research field of Plant Physiology where young researchers, women, and senior researchers can actively work.

\*Lunch will be provided for the first 100 participants. Advance registration is not required.