

Mon., March 21, 13:00–18:40 Room K

The 24th Plant Organelle Workshop — Frontiers in organelle biology —

Language: Japanese

Organizers (in alphabetical order): Masanori Izumi (RIKEN), Yusuke Kato (Setsunan University), Kensuke Kusumi (Kyushu University), Yoshiki Nishimura (Kyoto University), Junichi Obokata (Setsunan University), Atsushi Takabayashi (Hokkaido University), Tomohiro Uemura (Ochanomizu University)

13:00	Opening remarks
Session 1 Frontiers in the mechanisms of plant cell evolution	
13:05	Supramolecules linking chemistry and biology in the origin of life Muneyuki Matsuo (Hiroshima University)
13:40	Secretory activity is required for the oil body biogenesis in <i>Marchantia polymorpha</i> Takehiko Kanazawa (National Institute for Basic Biology)
14:15	Molecular basis of the functional gene transfer during photosynthetic eukaryote evolution Takayuki Hata (Kyoto Prefectural University, Setsunan University), Soichirou Satoh (Kyoto Prefectural University), Mitsuhiro Matsuo (Setsunan University), Hisayuki Kudo (Nagoya University), Naoto Takada (Kyoto Prefectural University), Junichi Obokata (Setsunan University)
14:50	Insight into molecular mechanism of RNA editing reaction in plant organelles through structural analysis Mizuki Takenaka (Kyoto University)
15:25	Break
Session 2 Emerging technologies for organelle research	
15:30	Sequence-selective control of mitochondrial DNA using synthetic DNA binders Takuya Hidaka (RIKEN)
16:05	Visualization of physiological responses in plants using a hyperspectral camera Kaori Kohzuma (Tohoku University)
16:40	Structure prediction of the enzyme which removes Mg from chlorophyll Hisashi Ito (Hokkaido University)
17:15	Break
Keynote lecture	
17:30	Elucidating the regulatory machinery of photosynthesis Toru Hisabori (Tokyo Institute of Technology)
18:30	General discussion
18:40	Mixer (Online)*

This workshop is open to any participants. Please register online in advance.
(<http://www.rib.okayama-u.ac.jp/OWS/>).

*For details about the mixer, please visit our website.

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Mon., March 21, 14:00–18:00 Room J

Symposium on Phototrophic ProkaryotesLanguage: Japanese

Organizers: Jiro Harada (Kurume University School of Medicine)

Yusuke Tsukatani (Japan Agency for Marine-Earth Science and Technology)

Chihiro Azai (Ritsumeikan University)

14:00	Opening remarks Jiro Harada
14:05	Structural analysis of the type-I reaction center from Heliobacteria Genji Kurisu (Institute for Protein Research, Osaka University)
14:35	Structural diversity of photosynthetic reaction centers from a green sulfur bacterial perspective Chihiro Azai (College of Life Sciences, Ritsumeikan University)
15:05	Diversity of Chlorophylls and Energy Conversion Yousuke Amanuma ¹ , Kyoko Matsunaga ¹ , Toshiyuki Shinoda ¹ , Seiji Akimoto ² , <u>Tatsuya Tomo</u> ¹ (¹ Tokyo University of Science, ² Kobe University)
15:35	Coffee break
15:55	Evolution of eukaryotic algae driven by phototoxicity of chlorophylls Yuichiro Kashiya (Fukui University of Technology)
16:25	Investigation of the in vitro BciC enzymatic reactions approached from chemical modification <u>Mitsuaki Hirose</u> ¹ , Jiro Harada ² , Hitoshi Tamiaki ¹ (¹ Graduate School of Life Sciences, Ritsumeikan University, ² Medical Biochemistry, Kurume University School of Medicine)
16:55	Light utilization strategies among diverse rhodopsin-possessing microbes Yu Nakajima (JAMSTEC)
17:25	Discussion
18:00	Get together

Entry Form: <https://forms.gle/BcVsck5eN5r3vJTH6>

The day before the meeting, PM

Satellite Meeting

Mon, March 21, 18:30–20:00 Room L

The 39th Meeting of the Japanese Society for Young Plant Physiologists

Language: Japanese

Organizers: Rumi Amano (Kyoto Prefectural University)
Tatsuya Nobori (Salk Institute)

18:30–18:40	Opening remarks by Organizers
18:40–19:20	My greedy wish list to academia Dr. Kanako Bessho-Uehara (Graduate School of Life Sciences, Tohoku University)
19:20–20:00	It's a small world Dr. Hirofumi Nakagami (Max-Planck Institute for Plant Breeding Research)

This meeting offers young scientists and students the opportunity to exchange information and discuss topics related to research and career development. We invited two speakers to share their own stories with us. A virtual mixer will be held after the program. More details are available on the meeting website (<http://jsyppmeeting.wixsite.com/wakatenokai>).

Registration due on March 14: <https://forms.gle/8tm73Vfkt2Vuq2bQ8>

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