

The 19th Plant Organelle Workshop —Evolution and functions of plant organelles—

Organizers (*in alphabetical order*):

Masato Araragi (Kagoshima University), Nobuaki Hayashida (Shinshu University), Yusuke Kato (Okayama University),
Shigeyuki Kawano (University of Tokyo), Hirokazu Kobayashi (University of Shizuoka), Kensuke Kusumi (Kyushu University),
Yutaka Miyazawa (Yamagata University), Yoshiki Nishimura (Kyoto University), Junichi Obokata (Kyoto Prefectural University)

13:30	Opening remarks
Session 1	
13:35–14:10	“Low oxygen adaptation mechanisms regulating the oxygen paradox between oxygenic photosynthesis and nitrogen fixation” Yuichi Fujita, Hisanori Yamakawa, Ryoma Tsujimoto (Nagoya University)
14:10–14:45	“What happened in the genome of primary photosynthetic eukaryotes in their initial evolutionary process?” Mitsuhiro Matsuo ¹ , Atsushi Katahata ¹ , Yohei Minakuchi ² , Hideki Noguchi ² , Atsushi Toyoda ² , Asao Fujiyama ² , Yutaka Suzuki ³ , Soichirou Satoh ¹ , Takuro Nakayama ⁴ , Ryoma Kamikawa ⁵ , Mami Nomura ⁴ , Yuji Inagaki ⁴ , Ken-ichiro Ishida ⁴ , Junichi Obokata ¹ (¹ Kyoto Prefectural University, ² National Institute of Genetics, ³ University of Tokyo, ⁴ University of Tsukuba, ⁵ Kyoto University)
14:45–15:20	“Peptidoglycan surrounding moss plastids and its role in plastid division” Hiroyoshi Takano, Katsuaki Takechi (Kumamoto University)
15:20–15:35	Break
Session 2	
15:35–16:10	“Energy dissipative supramolecular complexes in photosynthesis” Ryutaro Tokutsu (National Institute for Basic Biology)
16:10–16:45	“Redox-regulatory network for controlling organellar functions” Keisuke Yoshida, Toru Hisabori (Tokyo Institute of Technology)
16:45–17:20	“Substrates and functions of aquaporins in the inner membrane system” Maki Katsuhara (Okayama University)
17:20–17:30	Break
17:30–18:30	Keynote lecture “What does algal biotechnology bring? — Phosphorus, starch, oil and autophagy” Shigeyuki Kawano (University of Tokyo)
18:30–18:40	General discussion
18:40	Closing remarks
19:00	Mixer Educa, cafeteria which located in faculty of education campus

This workshop is free to all the participants, but who are encouraged to register at our Website (<http://sfns.u-shizuoka-ken.ac.jp/pctech/workshop>).

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2nd Workshop on Photosynthetic Bacteria

15:00–15:30	Registration
15:30–15:35	Opening remarks Jiro Harada
15:35–16:05	“Creation of optogenetic tools based on sensory proteins identified in photosynthetic bacteria.” Shinji Masuda (Center for Biological Resources and Informatics, Tokyo Institute of Technology)
16:05–16:35	“The importance of fatty acid metabolism in photosynthetic microorganisms.” Ayumi Kizawa (School of Agriculture, Meiji University)
16:35–16:55	“Bacteriochlorophyll biosynthetic pathways based on in vitro analyses of enzymes working in chlorosomal pigment biosynthesis.” Misato Teramura ¹ , Jiro Harada ² , Tadashi Mizoguchi ¹ , and Hitoshi Tamiaki ¹ (¹ Graduate School of Life Sciences, Ritsumeikan University; ² Department of Medical Biochemistry, Kurume University School of Medicine)
16:55–17:10	Coffee break
17:10–17:40	“DNA silencing mechanism revealed by photosynthetic bacteria.” Tomohiro Miyoshi (Center for Transdisciplinary Research, Niigata University)
17:40–18:10	“The direction decision system of filamentous movement in the gliding bacterium <i>Chloroflexus aggregans</i> .” Shun-ichi Fukushima (Department of Biological Sciences, Tokyo Metropolitan university)
18:10–18:20	Discussion
19:00–	Get together

Registration fee is free. After the workshop, we will have a banquet (fee: about 4,500 yen). To register the workshop and/or banquet, please contact to one of the organizers by e-mail (deadline, March 6).

Organizers: Dr. Jiro Harada (Kurume University School of Medicine), E-mail: jiro_harada@med.kurume-u.ac.jp
Dr. Yusuke Tsukatani (Tokyo Institute of Technology), E-mail: tsukatani@elsi.jp
Dr. Chihiro Azai (Ritsumeikan University), E-mail: cazai@fc.ritsumei.ac.jp

The Japanese Society of Young Plant Physiologists 2017 (35th meeting)
“Behind the scenes of researchers’ lives
(marriage, childcare and entrepreneurship)”

19:15–19:20	Opening remarks by Organizers
19:20–19:55	“Balancing research work and child upbringing” Aki Minoda (RIKEN)
19:55–20:30	“Pursuing and encountering scientific findings” Notaguchi Michitaka (Nagoya University)
20:30–20:45	Discussion

Organizers: Naoyoshi Kumakura (CSRS, RIKEN)
Yuki Kondo (Fac. of Sci., The Univ. of Tokyo)
Shunsuke Watanabe (CSRS, RIKEN)
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