

Tue., March 12, 13:00–18:40 Sakata Hirata Hall, Science South building, Nagoya University (Higashiyama Campus)

The 21st Plant Organelle Workshop

—Plant organelles and membrane systems: Their structure, function, and evolution—

Language: Japanese

Organizers (in alphabetical order):

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

13:00	Opening remarks
Session 1	
13:05	Molecular mechanism of chloroplast protein import: New developments and perspectives Masato Nakai (Osaka University)
13:40	Synthesis of thylakoid membrane lipids facilitates plastid differentiation Sho Fujii (University of Tokyo)
14:15	A new perspective on the function and lipid metabolism of chloroplasts in Arabidopsis guard cells Juntaro Negi (Kyushu University)
14:50	Role of organelle-organelle contact sites in phospholipid transfer Yasushi Tamura (Yamagata University)
15:25	Break
Session 2	
15:35	Circadian control of plant organelles Takuya Matsuo (Nagoya University)
16:10	The evolution of “supercomplex” in the photosynthetic electron transport chain: How did angiosperms establish the connection between PSI and NDH complexes? Yoshinobu Kato, Toshiharu Shikanai (Kyoto University)
16:45	Contemplation on the origin of plastids through the lens of modern-day symbioses Shinichiro Maruyama (Tohoku University)
17:20	Break
Keynote lecture	
17:30	45/135 years history on the origin of double-membrane organelle Naoki Sato (University of Tokyo)
18:30	General discussion
18:40	Closing remarks
19:00	Mixer Restaurant “Hananoki” in Nagoya University

This workshop is free to all attendance, but they are encouraged to register at the below website for preparation of abstract books. People who may join the mixer are requested to register at the below website before March 4, Monday.

<http://dfns.u-shizuoka-ken.ac.jp/labs/pctech/workshop>

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Tue., March 12, 13:30–17:00 Room C

4th Workshop on Photosynthetic BacteriaLanguage: Japanese

Organizers: Chihiro Azai (Ritsumeikan University),
Yusuke Tsukatani (JAMSTEC),
Jiro Harada (Kurume University School of Medicine)

13:00	Registration
13:30	Opening remarks (Jiro Harada)
13:35	Functional diversity of CO ₂ -fixing enzyme, RuBisCO Hiroki Ashida (Kobe University)
14:05	CrtJ repression and activation is differentially regulated by interacting with short and long isoforms of the cobalamin binding regulator AerR Haruki Yamamoto ^{1,2} (¹ Indiana University, ² Nagoya University)
14:30	Input and output mechanism of cyanobacterial circadian clock and intracellular redox Tanaka Kenya (Osaka University)
14:50	Coffee break
15:05	Roles of carotenoids in purple bacterial photosynthetic light-harvesting and photoprotection Daisuke Kosumi ¹ , Richard J. Cogdell ² , Hideki Hashimoto ³ (¹ Kumamoto University, ² University of Glasgow, ³ Kwansei Gakuin University)
15:35	Carotenoid for aerobic anoxygenic phototrophic bacteria~evolution and role Yuki Sato-Takabe ¹ , Jiro Harada ² , Keizo Shimada ² , Satoshi Hanada ² , Shinichi Takaichi ³ (¹ Tokyo Metropolitan University, ² Kurume University School of Medicine, ³ Tokyo University of Agriculture)
15:55	Pigment Exchange in light-harvesting complexes from purple photosynthetic bacteria Yoshitaka Saga (Kindai University)
16:25	Lipid-Controlled Stabilization of Charge-Separated States and Photocurrent Generation Activity of a Light-Harvesting–Reaction Center Core Complex (LH1-RC) Noji Tomoyasu (The University of Tokyo)
16:50	Discussion
19:00	Get together

Day 1, Evening

Satellite Meeting

Wed., March 13, 19:00–20:30

Venue: The 5th lecture room, 1st floor of Lecture building,
Graduate school of Bioagricultural Sciences

The 2nd Meeting of Plant Mathematical Modeling

Organizers: Hironori Fujita (National Institute for Basic Biology)
Munetaka Sugiyama (University of Tokyo)

This meeting is aimed at gathering together researchers and students interested in mathematical models in plant science regardless of whether they are experimental researchers, theorists, beginners, or experienced, and to exchange information and deepening friendship. This meeting is also aimed at building a community in this research field, and is planned to be held continuously in annual meetings of JSPP and BSJ. In the meeting, invited speakers will talk about their collaborative research between experiments and modeling. This meeting is free to all participants, and if you are interested please feel free to join us.

Wed., March 13, 19:15–20:45

Venue: Lecture room, ITbM building 1F, Nagoya University (Higashiyama Campus)

The 37th Meeting of the Japanese Society for Young Plant PhysiologistsLanguage: Japanese

Organizers: Rumi Amano (Kyoto Sangyo University)
Tatsuya Nobori (Max-Planck Institute for Plant Breeding Research)

19:15	Opening remarks by Organizers
19:20	Introduction of research in seed companies with concrete examples Dr. Akihito Kano (Takii seed company, Plant breeding & Experiment station)
19:50	Work-Life Balance: Me, My Family, and Mass Spectrometry Dr. Keiko Kuwata (ITbM, Nagoya University)
20:20	Discussion

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. Dr. Akito Kano is an R&D researcher at Takii Seed company studying crop protection from pests and diseases. Dr. Keiko Kuwata is a Chief-Coordinator of ITbM Molecular Structure Center, Nagoya University, providing supports on Mass spectrometry. No registration required to participate in this meeting.

Please note that ITbM building is approximately 700m away from the Congress main building.

(D2 ① in the campus map: <http://www.nagoya-u.ac.jp/access-map/>)

Meal boxes will be provided at the meeting upon request. There will be an after meeting gathering with the speakers and participants. Please register for the meal boxes and/or the gathering at <https://goo.gl/forms/8JMT4ryI9NMunJiE2> by March 6.

More details are available on the meeting website (<http://www.cc.kyoto-su.ac.jp/~i1659019/wakatenokai.html>).

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