



2024 Sakura-Bio Meeting





Topics:

- Structural Biology
- Protein Engineering
- Bioinformatics
- Synthetic Biology
- Food Science
- Organic Chemistry
- Animal Cell Technology
and much more...

Call for Abstracts!!

On-site oral and poster presentations are available. Registration by **Nov 4** at <https://forms.gle/oc5r4b1hPH7PDBD69> Abstract submission by **Dec 1** to sakura-bio@molbiotech-nagoya.org.

 Okinawa Institute of Science and Technology (OIST), Okinawa, Japan

 **December 16-17, 2024**

5,000 yen (general) 3,000 yen (students)

Keynote Speakers:

Dr. Paola Laurino (OIST)
Diving Deep: How Marine Bacteria's Transport Proteins Shed Light on Global Nutrient Patterns

Dr. Sastia Prama Putri (Osaka University)
Metabolomics application for quality improvement of high-value agricultural and food products

Invited Speakers:

Dr. Teruyo Kato (Nagoya University)
Microbial application for the industry and efficient production of recombinant proteins

Dr. Jasmina Damnjanovic (Nagoya University)
Studies on enzymes and enzyme engineering towards practical application of enzymes as biocatalysts

Symposium: New Trends in Bioengineering

Dr. Takashi Narihiro (AIST)
Ecogenomics reveals microbial metabolic functions in methanogenic bioreactors treating wastewater from plastic raw material production

Dr. Yohei Ishibashi (Kyushu University)
Structural modification of thraustochytrid-specific sterol acyltransferase to improve the sterol/provitamin D3 productivity in *Aurantiochytrium limacinum*

Dr. Keisei Sowa (Kyoto University)
Biotechnology inspired by direct electron transfer between enzyme and electrode

Dr. Hiroshi Kitagaki (Saga University)
Effect of glucosylceramide on microbial inhabitants of humans



【Day 1】

10:00- Registration at the Conference Center in OIST

【日本農芸化学会中部支部第200回例会農芸化学100周年記念】

13:30-13:35 Opening remarks

13:35-14:05 JSBBA Award for Young Scientists 2023

Dr. Teruyo Kato (Nagoya University)

Microbial application for the industry and efficient production of recombinant proteins

14:05-14:35 JSBBA Awards for Young Women Scientists 2023

Dr. Jasmina Damnjanovic (Nagoya University)

Studies on enzymes and enzyme engineering towards practical application of enzymes as biocatalysts

Symposium: New Trends in Bioengineering

14:45-15:10 Dr. Keisei Sowa (Kyoto University)

Biotechnology inspired by direct electron transfer between enzyme and electrode

15:10-15:35 Dr. Yohei Ishibashi (Kyushu University)

Structural modification of thraustochytrid-specific sterol acyltransferase to improve the sterol/provitamin D3 productivity in *Aurantiochytrium limacinum*

15:35-16:00 Dr. Takashi Narihiro (AIST)

Ecogenomics reveals microbial metabolic functions in methanogenic bioreactors treating wastewater from plastic raw material production

16:00-16:25 Dr. Hiroshi Kitagaki (Saga University)

Effect of glucosylceramide on microbial inhabitants of humans

16:25-16:30 Closing remarks

16:40-18:00 Poster session

18:00- Networking event

【Day 2】

9:00- Oral session

11:00-11:40 Keynote lecture 1: Dr. Paola Laurino (OIST)

Diving Deep: How Marine Bacteria's Transport Proteins Shed Light on Global Nutrient Patterns

13:30-14:10 Keynote lecture 2: Dr. Sastia Prama Putri (Osaka University)

Metabolomics application for quality improvement of high-value agricultural and food products

14:10- Oral session

16:30- OIST campus tour

