

LABORATORY OF MOLECULAR GENETICS

Life Science of Photosynthetic Organisms ~Regulation of Gene Expression and Functional Analysis~

Date : November 18th [Sat] , 2023

Symposium : online (Teams)

Registration : Forms

https://forms.office.com/Pages/ResponsePage.aspx?id=EwOyHonCO0GKuRRvQf_3O0C8P4v4ab1PhFliZ4JbFjNUNThQVU80SjFBRTZNSVpBWk9JREZXSklNQI4u

Contact : Nagao (metaco3310@gmail.com)

TOPIC & TITLE

1. 【Science & Engineering】

Time: 10:30

Title : Alkane gene expression and its production increased in recombinant cyanobacteria

Presenter : **Nagao Misato**

2. 【Science & Engineering】

Time: 11:00

Title : Analysis of cyanobacterial RNA polymerase group 3 sigma factors

Presenter : **Saito Mizuki**

3. 【Science & Engineering】

Time: 11:30

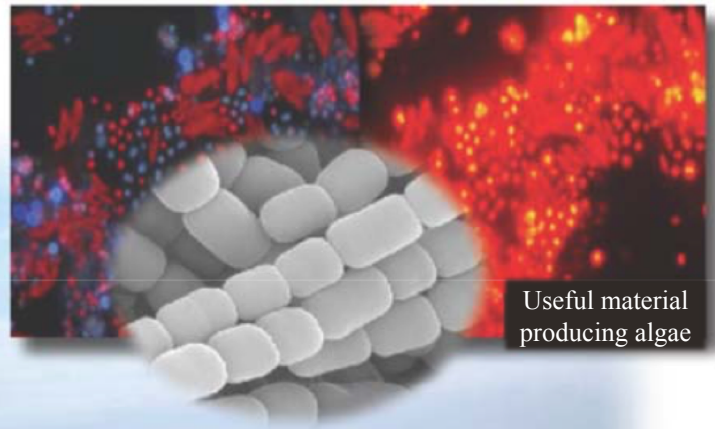
Title : Exploration and characterization of bioactive substances from microalgae

Presenter : **Klara Kharisma Bunga**

~RESEARCH OUTLINE~

Basic and applied researches on algae

- Isolation of novel algae producing useful materials
- Gene analyses for efficient photosynthesizing capacity
- Algal biorefinery using useful cells and incubators, contributing to CO₂ gas recycling



Useful material producing algae

From gene expression control to biofuel production



Kasumigaura

Algae Cultures