

# ICGEB

## Meetings and Courses 2024

### ICGEB Course

### Algal Metabolomics 2024

25-31 March 2024 | New Delhi, **INDIA**

#### Organiser:

Pannaga Pavan Jutur (ICGEB New Delhi, India)

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**Web** <https://www.icgeb.org/algal-metabolomics-course-new-delhi-2024/>

This course will offer theoretical and hands-on training in advanced analytical instrumentation, such as a mass spectrometry-based metabolomics approach to identify specific metabolites, which will lead to the production of biofuels and high-value biorenewables by the valorization of carbon dioxide (CO<sub>2</sub>) in these algal cell factories.

Topics will include:

- Bottom-up metabolomics-based approach to evaluate algal cell factories subjected to CO<sub>2</sub> supplementation
- Data analysis and visualization employing MetaboAnalyst, a comprehensive platform for metabolomics
- Reconstruction of metabolic regulatory pathways involved in the valorization of carbon dioxide (CO<sub>2</sub>)

#### Participants

- Applicants must have basic working knowledge of algal biology. Preference will be given to pre-doctoral, post-doctoral and early-career researchers
- Registration fees of EURO 300 will be charged for non-ICGEB Member State nationals and Indian participants, which includes training fees, accommodation (twin sharing) and local hospitality

#### Funding

- No fee is charged to attend this course for nationals of [ICGEB Member States](#)
- A limited number of grants, covering accommodation (twin sharing) and local hospitality for the duration of the course, are available to selected number of nationals of [ICGEB Member States](#) (excludes travel/visa charges)

**Online application** <https://isg.icgeb.org/auth/login>

**Deadline** 10 November 2023



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