

Special Issue

Microalgal–Bacterial Interactions: Biomolecular Meaning and Biotechnological Applications

Message from the Guest Editors

Microalgae–bacteria hold exclusive predominance for coupling engineering application with bioenergy production. Large-scale application is highly dependent on the interaction mechanism between microalgae and bacteria. Meanwhile, the distinctive photosynthesis endows this technology advantages of carbon neutrality, and fulfills the sustainable development goals for future society. Thus, we urgently encourage recent progress and advanced techniques to be published in this issue. Excellent and novel investigations are also welcome in this Special Issue. Submissions, including review articles, letters and research articles, are welcome:

- Bioenergy production of microalgae–bacteria consortia;
- Efficient processing and successful technologies for a high yield of bioenergy production;
- Interaction mechanism between microalgae and bacteria during biotechnological application;
- Genetic engineering/gene editing of microalgae for biorefinery purposes.
- Novel or hybrid reactor configurations for engineering application via the microalgae–bacteria consortia.
- Life cycle or techno-economic analysis for microalgae–bacteria biotechnology application.

Guest Editors

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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