



Microalgal–Bacterial Interactions: Biomolecular Meaning and Biotechnological Applications

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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.





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Message from the Editor-in-Chief

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