



New Insights into Microalgae Cultivation and Downstream Processes, Volume II

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Message from the Guest Editors

Dear Colleagues,

Microalgae and cyanobacteria represent a large taxonomic diversity, making them very attractive to produce valuable and diverse biomolecules (such as pigments, proteins, enzymes, biofuels, polyunsaturated fatty acids, and hydrocolloids). Research on microalgae has been abundantly published and patented in recent years, but the development and commercialization of these metabolites is still at its early stage, and only niche markets are currently available for microalgae products. Their low usage may be easily explained by the costs involved in microalgae production, linked to photoproduction, the harvest of microalgae in diluted media, the recycling of culture media, and the difficulty to refine this biomass. The aim of this Special Issue is to provide recent reviews and original research articles highlighting the innovations and dynamism of research in the field of microalgae cultivation and downstream processes.

- Microalgae
- Photobioreactor
- Culture systems
- Downstream processes
- Biorefinery
- Bioproducts





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Message from the Editor-in-Chief

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