

Special Issue

Advanced Technologies for the Production, Processing, and Extraction of Biorefinery Products from Microalgae

Message from the Guest Editors

From advanced photobioreactors and genetic engineering to novel extraction methods and bioconversion processes, this Special Issue on "Advanced Technologies for the Production, Processing, and Extraction of Biorefinery Products from Microalgae" provides a comprehensive understanding of the state-of-the-art strategies employed to harness the full potential of microalgae in biorefineries. Topics include, but are not limited to, the following:

- Innovative Cultivation Techniques for Microalgae;
- Advanced microalgae harvesting and Dewatering Methods;
- Extraction of Biorefinery Products from Microalgae; Optimization of Microalgae Growth Conditions and Nutrient Supply;
- Regulatory and Market Challenges in Algal Biorefinery Products;
- Applications of Machine Learning and AI in Algal Biotechnology.

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