

Special Issue

New Insights into Microalgae Cultivation and Downstream Processes, Volume II

Message from the Guest Editors

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

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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