

## Special Issue

# Recent Advances in Microalgae Biorefinery Processes

### Message from the Guest Editors

Microalgae are a very promising biomass source whose applications go beyond the traditional direct use of a few species approved for food. On the contrary, their complex biochemical composition has recently allowed the development of numerous processes and the search for multiple applications for very diverse fields such as the production of biofuels, the development of new materials, the extraction of active principles for the pharmaceutical, nutraceutical, or food industry, as well as the transformation of their components into chemicals of industrial interest.

Therefore, it is necessary to consider the integral use of microalgae within a biorefinery scheme, in which the processes of cultivation and harvesting of biomass are integrated with physical, chemical, and biological extraction and transformation processes, so that the By-products of one process serve as raw material for others, allowing to reduce or, ideally, eliminate waste generation, reaching a state of sustainable and economically profitable biorefinery.

This special issue aims to show the advances in the development of processes specially designed to be integrated into the scheme of a microalgae biorefinery.

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### Deadline for manuscript submissions

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## Applied Sciences

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### Editor-in-Chief

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