

Special Issue

Biorefinery Process Design, Modeling and Optimization

Message from the Guest Editors

In nature, a wide array of resources can be processed to extract and recover biomolecules, with several applications at the industrial scale and even in more traditional uses. This Special Issue, entitled “Biorefinery Process Design, Modeling and Optimization,” aims to present a collection of current advances and developments in the biorefinery concept for high-added-value extraction, recovery, and applications. Topics include, but are not limited to, the following:

- Designing strategies for high yields of biomass exploitation for biomolecule production, recovery, and application;
- Biotechnological processing to biotransform substrates under experimental designs using microbes and/or enzyme technology;
- Development of optimized strategies for extraction or bioconversion of substrates for biomolecule release and/or recovery;
- Modeling of biorefinery products to achieve prediction of larger scale production of high-added-value molecules.

Guest Editors

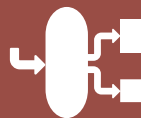
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Deadline for manuscript submissions

closed (20 December 2024)



Processes

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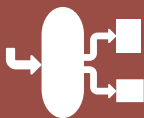


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Editor-in-Chief

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