Special Issue

Advances in Biotransformation of Agricultural Waste: Opportunities and Challenges

Message from the Guest Editors

The biotransformation of agricultural waste presents promising opportunities for sustainable waste management and resource utilization. Through biotransformation processes facilitated by enzymes, microbial degradation, and fermentation, this waste can be converted into valuable products such as biofuels, biopolymers, and biochemicals.

In this Special Issue, we aim to gather high-quality research outcomes on the advances in and applications of the biotransformation of agricultural waste. Specifically, the Special Issue will cover (but is not limited to) the following topics:

- Innovative and novel agricultural waste biotransformation processes, technologies, and systems;
- Design and process modeling of agricultural waste biotransformation;
- Life cycle assessment and techno-economic analysis of biotransformation of agricultural waste.

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