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Novel Approaches for Developing and Characterizing Value-Added Applications of Food and Agricultural Byproducts

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Message from the Guest Editors

Food and agricultural byproducts are renewable organic materials generated from agricultural and food production. They are mixtures of chemicals with an extremely complex matrix containing varying proportions of chemical constituents, including polysaccharide, protein, fat, lignin, and small molecules such as phenolic compounds. Without proper treatments, these food and agricultural byproducts can impose a tremendous environmental burden on ecosystems, representing unsolved hurdles.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Developing innovative technology to process food and agricultural byproducts;
- Bioprocessing and biorefinery of upgrading food and agricultural byproducts to value-added products;
- Improving the nutritional value and health benefits of food and agricultural byproducts;
- Application of foods and agricultural byproducts for cost reduction and sustainability purposes;
- Investigating the economic and ecological feasibility of byproduct conversion processes.



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Special Issue



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Message from the Editor-in-Chief

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