

Special Issue

Sustainable Utilization of Biowaste and Circular Economy for Food

Message from the Guest Editors

Microorganisms, such as bacteria, yeast, algae, and mold, have been utilized to enrich our daily life in food for thousands of years. Useful materials such as energy resources, preservation agents, flavor enhancers, and functional substances can be produced according to specific fermentation process, cultivation or reaction. Owing to progress of Nematoda mode, Next Generation Sequencing and metabolomics technologies, the comprehensive analysis of the processes can be further achieved. The by-product of manufacturing process is believed to have valuable substances which are functional, such as anti-aging, anti-oxidation, nutritional supplementary, but underestimated. We invite the papers about microbiological analysis of food products, affording excellent modification of traditional uses of microbial products and supplying novel applications of new or underestimated substances produced by microorganisms, to submit to this special issue.

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Deadline for manuscript submissions

closed (15 November 2021)



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