



Improving Sustainable Processes and Products through Biological Fermentation: Advances in Obtaining Agricultural Inputs to Food

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Message from the Guest Editors

In contemporary society, sustainability has emerged as a global imperative, driving significant advances in agriculture and food production. Agricultural bioinputs, derived from natural and biodegradable sources, are transforming agricultural practices by reducing dependence on synthetic chemicals, thus promoting more environmentally friendly farming systems. Furthermore, foods obtained through fermentative processes are gaining prominence due to their nutritional and environmental advantages. These foods are produced with less water resource and energy consumption, in addition to contributing to the reduction in food waste. These innovations not only improve the population's quality of life by offering healthier and more sustainable food, but they also help to mitigate the environmental impacts of intensive agriculture. As we move forward, it is crucial to continue investing in practices and technologies that promote a harmonious balance between human needs and environmental preservation.





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