

Special Issue

Valorization of Food Waste Using Solid-State Fermentation Technology

Message from the Guest Editors

This Special Issue emphasizes the development of solid-state fermentation as an integrative process for the valorization of food waste generated throughout the food supply chain, pursuing the development of high-impact and valuable products. Such richness and also the high availability of waste can be exploited in order to obtain different multi-purpose products through the application of a bioprocess carried out by microorganisms called solid-state fermentation, in which the microorganism can naturally grow and use the lignocellulosic waste as a carbon source. This issue, focusing on the fermentative process for food waste valorization, will include multidisciplinary areas comprising biotechnology, food science and technology and food chemistry and engineering. We invite research articles that cover an ample scope of lignocellulosic food waste from the processing of any type of crop, including cereals, vegetables and fruit, as well as plants and trees, which are applied as a support source for microbial development. All types of articles related with the fermentation process, including original research, opinions and reviews, are welcome.

Guest Editors

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closed (29 July 2025)



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About the Journal

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Welcome to a new open access journal, Fermentation, which meets the growing need for a high quality peerreviewed international journal with easy access to all researchers globally. We hope that you will share our enthusiasm for this new journal and look forward to working with you to make Fermentation a leader in its field. Your contributions are vital for the success of this new journal. Proposals for editing a special issue for a particular topical area are always welcome.

Editor-in-Chief

Dr. Badal C. Saha
Retired, National Center for Agricultural Utilization Research, USDA-
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