

Special Issue

The Future of Fermentation Technology in the Biorefining Process: 3rd Edition

Message from the Guest Editor

The aim of this Special Issue is to showcase the latest advancements in fermentation technology and bioprocessing for upgrading key industrial sectors into modern biorefineries, raising the awareness of all stakeholders on opportunities for utilizing waste and by-product streams from major industrial activities for the production of platform chemicals and biopolymers. Special attention will be given to the following research topics: (i) fermentation as the core bioprocess in biorefinery development; (ii) alternative raw materials as potential feedstocks for industrial biotechnology applications; (iii) innovative pretreatment (fractionation of raw materials) and advanced downstream processing (product separation and recovery) technologies coupled with efficient and innovative fermentation processes; (iv) pilot-scale, demo-scale, and commercial-scale case studies on biorefineries using fermentation as the main process; and (v) sustainability assessment tools to measure the socio-economic and environmental performance of these innovative facilities.

Guest Editor

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Deadline for manuscript submissions

20 November 2025



Fermentation

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.7



mdpi.com/si/220278

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Message from the Editor-in-Chief

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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