Special Issue

Biotechnological Strategies for Agro-Industrial Food Waste Management

Message from the Guest Editor

Agro-industrial waste can be considered as the most abundant renewable resources on earth, expected to reach 3.40 billion metric tons by 2050. This waste, if disposed of untreated, can act as pollutants to the environment, affecting both humans and other living organisms. Their composition makes this waste suitable for their reuse to obtain added-value products, according to the Sustainable Development Goals (SDGs) of the United Nations, minimizing environmental problems and helping the economy and society. Currently agro-industrial waste is applied through biotechnological techniques as promising substrates for improving their stability and applicability in several sectors. The aim of this Special Issue is to consider original studies on agro-industrial waste fermentation techniques through controlled fermentation processes carried out by selected microorganisms, for obtaining value-added products such as biofertilizers, enzymes, biopolymers, bioplastic, bioactive molecules, platform chemicals, food and feed supplements, single cell proteins, single cell oils, biofuel, bioenergy, and microbial pigments.

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Deadline for manuscript submissions

31 December 2025

Fermentation

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 5.7

mdpi.com/si/239847

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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-ARS, Peoria, IL, USA

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