

Special Issue

Biotechnology Approaches for Sustainable Food Waste Management

Message from the Guest Editors

Biotechnology plays a crucial role in addressing food waste sustainably by transforming waste into valuable products. Food waste valorization through biotechnological innovations supports a circular economy by converting surplus food into functional ingredients or sustainable packaging materials. Precision fermentation can produce alternative proteins, reducing reliance on traditional animal agriculture. These approaches align with global sustainability goals, minimizing environmental impact and promoting resource efficiency. Implementing biotechnology-driven food waste management requires supportive policies, industry collaboration, and public awareness to scale up solutions. By leveraging biotechnology, food waste can become a valuable resource, fostering a sustainable and waste-free food system.

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Deadline for manuscript submissions

15 September 2025



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



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Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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