

Special Issue

Microbial Technologies in Remediation, Resource Recovery and Sustainability

Message from the Guest Editors

This Special Issue intends to examine the major elements of microbial-based technological innovations that address environmental concerns using circularity concepts. The scope of the Special Issue includes a wide variety of studies on microbes that turn waste into resources for a sustainable environment. All scholars, industries, and professionals are encouraged to submit research/review articles for consideration in this Special Issue. Microbial technology innovations are crucial for addressing environmental challenges for greater environmental sustainability by reducing greenhouse gas emissions. This Special Issue emphasizes the technological innovations employing microbes in environmental contaminant identification, remediation, and waste to valuable products under circularity concepts. The proposed Special Issue will add the necessary information to the scientific body that will help to identify and transition microbial technology promoting a circular economy with environmental sustainability.

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Deadline for manuscript submissions

closed (2 August 2023)



BioTech

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 4.8
Indexed in PubMed



mdpi.com/si/152227

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Editor-in-Chief

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indexed within ESCI (Web of Science), Scopus, PubMed, PMC, Inspec, CAPlus / SciFinder, and other databases.

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JCR - Q2 (Biotechnology and Applied Microbiology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 22.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).