Special Issue

Microbial Bioremediation

Message from the Guest Editors

This Special Issue of *Microorganisms* aims to collect the results of the most recent studies concerning microbial bioremediation, falling within the following sub-themes: A) New insights into the in vitro biodegradation of recalcitrant contaminants such as polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), alkylphenol polyethoxylates (APEOs), and polyfluoroalkyl substances (PFASs) by bacterial and fungal strains; B) Depictions of in situ bioremediation dynamics as revealed by metagenomic studies at specific contaminated sites; C) The functioning of innovative microbially catalyzed processes for ex situ treatments of polluted environmental matrices.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).

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