Special Issue

Fungal Biodiversity for Bioremediation

Message from the Guest Editors

In this Special Issue of Microorganisms, entitled "Fungal Biodiversity for Bioremediation", we aim to increase knowledge through the latest research in these areas. We encourage researchers to send their research papers or reviews dealing with the investigation of fungal potential in bioremediation. Some of the potential topics include:

Biodiversity from polluted environments: native fungal strains as bioresources;

Fungal capacity of handling and degrading pollutants;

Studies on phenotypical, physiological, and multi-omics approaches to evaluate fungal traits useful in bioremediation;

Synergistic interactions in mycoremediation: saprotrophic and mycorrhyzal fungi-assisted phytoremediation; fungi–bacteria consortia;

Fungi in remediation biotechnology: strengths and weaknesses.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2021)

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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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Rapid Publication:

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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