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Fungal Biodiversity for Bioremediation 2.0

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Deadline for manuscript submissions:
closed (30 June 2023)

Message from the Guest Editors

In this Special Issue of *Microorganisms*, entitled "Plastic-Eating Fungi for Reducing the Negative Impact of Plastic Pollution", we aim to increase knowledge through sharing the latest research in these areas. We encourage researchers to send in 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;
- Plastic-eating fungi for reducing the negative impact of plastic pollution;
- Studies on phenotypical, physiological, and multi-omics approaches to evaluate fungal traits useful in bioremediation;
- Synergistic interactions in mycoremediation: saprotrophic- and mycorrhizal-fungi-assisted phytoremediation, fungi–bacteria consortia;
- Fungi in remediation biotechnology: strengths and weaknesses.

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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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