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Bioconversions and Biodegradation of Lignocellulose, Plastics and Plastic Additives

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Message from the Guest Editor

The amount of lignocellulose waste, as residues from agricultural activities and plastics, has greatly increased worldwide, with serious alarm to the environment. The biodegradation of redundant lignocellulose and plastic, using the enzymatic activities of bacteria and fungi, has been significantly considered as improved biotechnological tools for producing natural organic fertilizers and other useful bio-products.

This Special Issue aims to bring together research articles, review articles, and short communications that focus on microbial degradation/bioconversion using the whole-cell or enzymatic activities of bacteria and fungi.

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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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