

Special Issue

Microbial Biocatalysis and Biodegradation 2.0

Message from the Guest Editor

Microbial biocatalysis and biodegradation illustrate different but related perspectives of global biogeochemical cycles. Both can be capitalised on with scientific ingenuity to deliver valuable practical outcomes of applied microbiology, as illustrated by chemoenzymatic synthesis and bioremediation, respectively. The fundamental feature common to both these facets of microbial biotechnology is the catalytic activity of microbial enzymes. Consequently, the goal of this Special Issue is to provide insight into relevant areas of microbial biochemistry, from the molecular level of individual enzymes to the co-operative metabolic functioning of whole organisms and ecosystems.

Guest Editor

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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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