Special Issue

Application of Microbes in Environmental Remediation

Message from the Guest Editors

The survival and development of human beings is inseparable from soil, which provides the necessary living environment for crops. With the development of industrial and agricultural production, the pollution of soil caused by wastewater, solid waste discharged from industrial production, pesticides applied in farmland, blowout substances in oil extraction, and leakage during transportation is becoming increasingly serious. Furthermore, the unreasonable application of chemical fertilizer and unreasonable development of agricultural resources in agricultural activities have led to the destruction of soil structure and the decline of fertility and soil environment. At present, common soil remediation and improvement technologies include chemical technology, physical technology, and biotechnology. Among biotechnologies, microbial technology, as a promising soil remediation and improvement approach, has attracted increasing attention due to its characteristics of high efficiency, low consumption, simple operation, and significant ecological benefits.

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Deadline for manuscript submissions

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"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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