

# Topical Collection

## Biodegradation and Environmental Microbiomes

### Message from the Collection Editors

The Earth is unique, and we human beings rely on its air, water, and land. Industrialization and human activities have improved our daily life at the cost of nature resources and environmental quality. Air pollution, water eutrophication, and land deterioration challenge our sustainable development, and new technologies are needed to address these challenges. Biodegradation and bioremediation are promising technologies that can return humanity to a sustainable development. Microbe, or microbiome (the sum of all microbes in a defined environment) is the main driving force for biodegradation and bioremediation. This Topic Collection will cover new understandings of 1) what the nature and degree of air, water, and land pollution are, 2) how pollutants are degraded by natural or engineered microbes/microbiomes, and 3) successful large-scale implementation of biotechnologies for an improved environment. Both research articles and reviews are welcome.

### Collection Editors

Prof. Dr. Hongzhi Tang  
Prof. Dr. Jiandong Jiang  
Prof. Dr. Xiaolei Wu



## Microorganisms

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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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### Editor-in-Chief

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JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

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