# Special Issue

# Bacterial Functions in Carbon, Nitrogen, and Sulfur Cycles

### Message from the Guest Editor

Bacteria play important roles in global geochemistry such as the carbon cycle, the nitrogen cycle, and the sulfur cycle. At the same time, bacteria offer promising solutions to environmental problems caused by elemental imbalances, such as global warming and eutrophication. Therefore, studies on the bacteria driving the elemental cycles and the development of corresponding biotechnologies are of great importance for understanding biogeochemical cycles and solving environmental problems. Here, we focus on a major topic, i.e., “Bacterial Functions in Carbon, Nitrogen, and Sulfur Cycles”, including subtopics such as 1) microorganisms involved in the carbon, nitrogen, and sulfur cycle, 2) process of the carbon/nitrogen/sulfur cycle, 3) microbial interaction in the carbon nitrogen sulfur cycle, 4) microbial metabolic mechanism of the carbon nitrogen sulfur cycle.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 January 2023)

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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.

## Editor-in-Chief

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