



## Role of Microorganisms and Their Metabolites in Agriculture, Food and the Environment

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### Message from the Guest Editor

Even though people have been using microorganisms for thousands of years, they still surprise us with their possibilities.

The production of fermented foods is one of the oldest food processing technologies known since ancient times. Nowadays, microorganisms are used in the production of foods not only as a strategy for food preservation but also for improving specific characteristics, such as flavor, aroma, texture, and digestibility.

The antagonistic activity of microorganisms is widely used, both in biological plant protection to reduce environmental degradation due to the widespread use of fungicides and against food-borne pathogens to prevent disease. In turn, the ability of microorganisms to adsorb, accumulate, and degrade common and emerging pollutants has attracted the use of biological resources in treating contaminated food, feed, and the environment.

This Special Issue focuses on shed light on the molecular aspects and enhancing the current research in the field of new high-throughput technologies, such as genomics, metagenomics, transcriptomics, metatranscriptomics, and metabolomics, allowing a deeper description of the microbial constituents of different environments.





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## Message from the Editor-in-Chief

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