Special Issue

Discovery of Novel Microorganisms with Breakthroughs in Culture and Genetic Methodologies in Food and Feed Industry

Message from the Guest Editor

The isolation and application of microorganisms in the food and feed industry has been a topic of extensive research in recent years due to the promise it holds for improving food quality and safety, increasing production efficiency, and reducing environmental impact. This Special Issue aims to presents original research articles and reviews that focus on the isolation and application of microorganisms in the food and feed industry. The topics covered in this Issue will include, but will not be limited to:

- Discovery of novel microorganisms with breakthroughs in culture and genetic methodologies;
- Characterization of the functional and genomic properties of microorganisms in food and feed processing;
- Application of microbial fermentation in the production of food and feed products;
- Bioprocessing of food and feed waste using microorganisms;
- Microbial control of foodborne pathogens and spoilage organisms;
- Bioremediation of food and feed processing wastewater using microorganisms

Keywords: isolation; application; microorganisms; food and feed industry

Guest Editor

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Deadline for manuscript submissions

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).

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