

# Special Issue

## Probiotics, Prebiotics, and Synbiotics in Animal Nutrition and Health, and Food Safety

### Message from the Guest Editor

The growth of human populations will lead to a significant increase in food production from both plant and animal sources. It is imperative to utilize growth promoters that enhance feed efficiency and reduce the costs required to meet this need. Although antibiotics have been commonly used for this purpose, their associated health risks, particularly the rise of antibiotic-resistant bacteria, make finding effective alternatives crucial. Consequently, there has been a substantial shift towards using probiotics, prebiotics, and synbiotics.

This Special Issue requests Original review/Research papers exploring multiple dimensions of probiotics, prebiotics, and synbiotics in ruminant and non-ruminant animals, including fish.

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### Guest Editor

Dr. María Esther Ortega-Cerrilla

Programa de Recursos Genéticos y Productividad-Ganadería, Colegio de Postgraduados, Montecillo, Estado de México, Mexico

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### Deadline for manuscript submissions

31 August 2026



**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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#### Journal Rank:

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

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