

Special Issue

Microbiome Research for Animal, Plant and Environmental Health: Second Edition

Message from the Guest Editors

Microbial communities play an integral role in the homeostasis and physiology of macro- and micro-ecosystems. Manipulating the composition of microbiota in these ecosystems can have a significant impact on human and animal health whilst also contributing to sustainable agriculture.

As of this Special Issue, we would like to invite you to submit original research articles, review articles, and short communications on various aspects of animal, plant, environmental, or soil microbiome research, new mechanistic insights into host–microbe interactions, methods of microbiome manipulation, and innovative technologies for sustainable livestock and agri-food production.

Guest Editors

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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.

Editor-in-Chief

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Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.5 days after submission; acceptance to publication is undertaken in 3.3 days (median values for papers published in this journal in the first half of 2026).