Special Issue

Microbial Genome Analysis and Interpretation Using Computational Approaches

Message from the Guest Editor

The focus of this special issue is on computational analysis and interpretation of microbial genomes. Deciphering information obscured within the genomes of microorganisms is critical to understanding factors underlying versatile phenotypic traits they possess. Interrogation of genomes or metagenomes also provides insights into interactions among microorganisms and between organisms and the environments they dwell in. We invite researchers across the globe to contribute to this special issue research articles or reviews pertaining to development and/or application of computational methods to unraveling microbes through (meta)genome analysis.

Guest Editor

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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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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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