

Special Issue

Detection and Analysis of Clinical Microbial Infections, Second Edition

Message from the Guest Editor

Microbiological infections and diseases can be caused by bacteria, viruses, parasites, and fungi. This issue has caused worldwide concern and requires the rapid detection and identification of the pathogens responsible for microbial infections. The first crucial and complex phase of the diagnostic process is the definition of the methods for collecting microbiological samples. In addition to the demand for a rapid and accurate diagnosis, due to new emerging microbial pathogens, there is a need for the greater standardization of testing and centralized laboratories with the ability to collect and analyze large quantities of samples and perform various identification techniques. Research articles and systematic reviews are both welcome.

Manuscript topics may include the following:

Identification of unculturable pathogens and mixed microbial populations.

Sampling, culture, and isolation of the pathogen responsible for infectious diseases.

Advantages and limits of clinical microbial identification techniques.

New molecular biology techniques for microbial identification.

Standardization of techniques and sample data centralization.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2025)



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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).