

Special Issue

Clostridioides difficile Infections

Message from the Guest Editor

Clostridioides difficile has emerged as a key pathogen over the last 20 years. It is recognized as the major agent responsible for antibiotic-associated diarrhea, especially among hospitalized patients. Community-acquired *C. difficile* infections (CDI) have also been increasingly reported but still remain underdiagnosed. Despite advances in clinical research and in basic science on this anaerobic spore-forming bacterium, there are still grey areas in our knowledge on CDI epidemiology, physiopathology, and management.

We are currently seeking manuscripts for a Special Issue of *Microorganisms* covering all aspects of *C. difficile* research with a focus on:

- Epidemiological data with a specific focus on the One Health aspects of CDI;
- New advances in *C. difficile* diagnosis;
- New microbiota-targeting therapies based on probiotics, prebiotics, synbiotics, non-toxicogenic bacteria or fecal microbiota transplantation;
- *C. difficile* virulome and resistome;
- Interactions between microbiota and *C. difficile*.

This Special Issue will provide the readership with the most up-to-date information on *Clostridium difficile* infection diagnosis, treatment, and prevention.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2023)



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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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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).