Special Issue

Diagnosis, Resistance and Treatment of Infections by *Candida* Species

Message from the Guest Editor

This Special Issue invites researchers to submit reviews or original research papers concerned with the following topics:
-Clinical application of the traditional (histopathology, culture, morphological characteristics and assimilation tests) and non-culture-based (B-D-glucan and T2MR) diagnostic methods.
-Limitations of the currently approved antifungal agents in the treatment of invasive Candida infections.
-New antifungal agents currently tested in phase II or III trials (i.e., fosmanogepix, rezafungin, and ibrexafungerp).
-Antifungal resistance mechanism in different Candida species. Molecular methods for detection of resistance in routine laboratory practice.
-Therapeutic options against drug-resistant Candida species including multi-drug resistant C. auris isolates.
-Antifungal pharmacodynamics and pharmacokinetics, as well as animal studies.

Guest Editor
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Deadline for manuscript submissions
closed (30 November 2021)

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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 (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).

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