

Special Issue

New Trends in Medical Bacteriology: Diagnosis, Treatment and Prevention

Message from the Guest Editors

For this Special Issue, "New trends in medical bacteriology: Diagnosis, treatment and prevention", Focal points include, but are not limited to:

- Advances in the development of new therapies;
- Effect of current antimicrobial therapies on gene expression in resistant bacteria and its clinical consequences, histopathological alterations and dysbiosis in the human microbiota;
- Evaluation of bacterial resistome and its impact on clinical outcome;
- Use of clinical metagenomics in the identification of non-culturable bacteria for clinical diagnosis;
- Environmental factors and their impact on bacterial infectious processes.

Guest Editors

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Dr. Ma. Guadalupe Aguilera-Arreola

Deadline for manuscript submissions

closed (15 February 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.

Editor-in-Chief

Dr. Nico Jehmlich

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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).