

Special Issue

Detection Techniques and Assay Development for Bacterial Susceptibility and Resistance

Message from the Guest Editor

In recent years, there has been growing interest in the development of rapid, high-sensitivity, and high throughput methodologies for applications in antimicrobial treatments, analysis and assessment of microbial growth and proliferation. This Special Issue of *Microorganisms* focuses on advances in detection techniques and assay development for monitoring susceptibility and resistance of bacterial strains to antimicrobial treatments. Topics include but are not limited to sensor technologies, emerging chemical/biochemical assays, and imaging techniques. You may choose our [Joint Special Issue](#) in *LabMed*.

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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JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).