

Special Issue

Targeting Quorum Sensing to Combat Biofilm-Associated Infectious Diseases

Message from the Guest Editor

The Special Issue of *Microorganisms* is open to manuscripts discussing themes related to the following topics:

- Regulation of biofilm formation by pathogenic microorganisms;
- Regulation of drug efflux pump expression in pathogenic microorganisms;
- Understanding the link between biofilm formation, quorum sensing, and antibiotic resistance;
- Regulation of quorum sensing in pathogenic microorganisms and its importance in sustaining biofilms;
- Compounds targeting quorum sensing or biofilm formation that can alleviate infection and/or sensitize microorganisms to antibiotics.

We would like to invite you to submit an original research article, a review, a commentary, or a short communication discussing one or more of these topics.

Guest Editor

Dr. Ronit Sionov

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Deadline for manuscript submissions

closed (25 November 2022)



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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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Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

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).