

Special Issue

Myxobacteria: Physiology and Regulation

Message from the Guest Editor

This Special Issue seeks to bring together a snapshot of current myxobacterial research, in all its diversity. It welcomes both original research articles as well as reviews, and when completed will be a primer for researchers who are not familiar with the myxobacteria and a resource for those already in the field. The remit of this Special Issue is therefore deliberately broad, and includes any aspect of myxobacterial biology. It is a pleasure to invite authors to submit their original research or review articles to the Special Issue.

Keywords

- ecology
- evolution
- fruiting body formation
- genetics
- metabolism
- motility
- 'omes
- predation
- secondary metabolites
- signaling
- sporulation

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Deadline for manuscript submissions

closed (31 October 2021)



Microorganisms

an Open Access Journal
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Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/59406

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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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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).