

Special Issue

Phototrophic Bacteria

Message from the Guest Editors

Microorganisms is pleased to solicit manuscripts for a Special Issue on “Phototrophic Bacteria”, with Robert Blankenship and Matthew Sattley. The Issue is targeted towards research on all types of phototrophic bacteria, including both anoxygenic and oxygenic forms.

Research on these bacteria has greatly advanced our understanding of the basic principles that underlie the light capture and energy storage that takes place in all types of photosynthetic organisms, including both bacterial and eukaryotic forms. We will consider original scientific research articles, comprehensive reviews, comments, commentaries, and perspectives for publication. Topics of interest include microbial physiology, microbial ecology, microbial genetics and genomics, evolutionary microbiology, systems microbiology, agricultural microbiology, microbial biotechnology, and environmental microbiology, all as related to phototrophic bacteria. All manuscripts will be peer-reviewed.

Guest Editors

Prof. Dr. Robert Blankenship

Lucille P. Markey Distinguished Professor of Biology and Chemistry,
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Deadline for manuscript submissions

closed (31 May 2022)



Microorganisms

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CiteScore 7.7
Indexed in PubMed



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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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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).