

Special Issue

Phototrophic Bacteria 2.0

Message from the Guest Editor

This Special Issue focuses on the functional group 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. Types of papers that will be considered are original scientific research articles, comprehensive (mini)-reviews, comments, or perspectives. Topics of interest include but are not restricted to 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 Editor

Dr. Vera Thiel

Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH,
Braunschweig, Germany

Deadline for manuscript submissions

closed (30 September 2023)



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/136126

Microorganisms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

[mdpi.com/journal/
microorganisms](https://mdpi.com/journal/microorganisms)





Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



[mdpi.com/journal/
microorganisms](https://mdpi.com/journal/microorganisms)



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

Department of Molecular Toxicology, UFZ-Helmholtz Centre for
Environmental Research, 04318 Leipzig, Germany

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).