



Phototrophic Bacteria 2.0

Guest Editor:

Dr. Vera Thiel

Deutsche Sammlung von
Mikroorganismen und
Zellkulturen GmbH,
Braunschweig, Germany

Deadline for manuscript
submissions:

closed (30 September 2023)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Nico Jehmlich

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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

Journal Rank: JCR - Q2 (*Microbiology*) / CiteScore - Q2 (*Microbiology (medical)*)

Contact Us

Microorganisms Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/microorganisms
microorganisms@mdpi.com
X@Micro_MDPI