Special Issue

Systems Metabolic Engineering of Industrial Microorganisms

Message from the Guest Editors

The Special Issue entitled "Systems Metabolic Engineering of Industrial Microorganisms" aims to present recent research on any aspect of engineering microorganisms for biomanufacturing and biorefinery. Its focal points include, but are not limited to, the following:

- Development of enabling technologies for systems metabolic engineering, such as genome editing, gene regulation, metabolic modeling, omics technologies, etc.
- Engineering microorganisms or synthetic microbial consortia for the bioproduction of chemicals, materials, fuels, foods, medicines, etc.
- Biorefinery of renewable resources such as lignocellulose, C1 feedstocks, low-grade biomass, etc.

Reviews, original research articles, and communications are welcome.

Guest Editors

Dr. Yu Wang

Dr. Xueqin Lv

Prof. Dr. Xiao-Jun Ji

Dr. Boyang Ji

Deadline for manuscript submissions

closed (31 December 2022)

Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed

mdpi.com/si/109095

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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

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Author Benefits

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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 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).

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