Special Issue

Microbial Fuel Cell and Microbial Electrolysis Cell

Message from the Guest Editors

The catalyst of the cathode is mostly platinum, however, this presents some disadvantages, including high cost and high sensitivity to poisoning by adsorption of various organic and inorganic molecules. Thus, one of the most challenging processes in BES technology is finding an active, low-cost catalyst that can replace platinum. This Special Issue of *Microorganisms* aims to present the latest research regarding MEC/MFC bacterial anodes, cathode catalysts, and cell configuration. Reviews, original research, and communications are all welcome.

Guest Editors

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Deadline for manuscript submissions

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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).

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