

## Special Issue

# Trends and Prospects in Microbial Fuel Cells

### Message from the Guest Editor

Bioelectrochemical systems combine electrodes and reactions driven by microorganisms for many different applications. The conversion of organic material in wastewater into electricity occurs in microbial fuel cells (MFCs). However, the power densities produced by MFCs are still too low for application. This is due to many factors, such as the electrogenic capacity of the electricigen, the conductive performance and structure of the electrode, the structure and internal resistance of the individual cell and battery pack system, the composition of the electrolyte, the operating conditions, and the type and supply of the substrate. This Special Issue aims to present and disseminate the most recent advances, trends, and prospects related to the theoretical innovation, optimization design, application, and future development direction of microbial fuel cells.

### Guest Editor

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### Deadline for manuscript submissions

closed (25 September 2024)



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