# Special Issue

# Microbial Fuel Cell

### Message from the Guest Editor

The next generation of sustainable energy could come from microorganisms; evidence of this has given rise to electromicrobiology, the study of microorganisms' electrical properties. Many recent advances in electromicrobiology stem from studying microbial fuel cells (MFCs), which are gaining acceptance as a future alternative "green" energy technology and energy-efficient wastewater treatment methods. MFCs are powered by live microorganisms with clean and sustainable features; they efficiently catalyze degradation for a broad range of organic substrates under natural conditions. Despite their vast potential, our ability to harness the potential of MFC technology lags from a lack of in-depth understanding of the mechanisms that achieve electron harvesting from microorganisms, and fundamental factors that maximize MFCs' power-generating capabilities. These gaps relegate MFCs to a laboratory curiosity...


### Guest Editor

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### Deadline for manuscript submissions

closed (28 February 2022)


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