



Advance in Microbial Electrochemical Technologies

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Microbial electrochemical technology (MET) is to study and apply the interaction between microbial cells and electrodes. In the past decade, MET has gained interest from more researchers and engineers. Microbial electrochemistry, which integrates microbiology, electrochemistry, and electronics, is a widely applied technology of sustainable platform technology in the fields of waste remediation, resource recovery, and bioenergy production. Microbial fuel cells (MFCs) have evolved from a concept to a practical technology. In addition, a large number of derivative technologies have been developed, such as microbial desalination cell (MDC), microbial electrosynthesis (MES), microbial electrolysis cell (MEC), photomicrobial fuel cell (photoMFC), cellular electrophysiology (CE) and biological computing.

We would like to invite authors to submit papers related to the following topics, including but not limited to: BES, EBT, MDC, MEC, MFC, MES, electroactive microorganisms, DIET, Cellular electrophysiology, electrode (material, catalyst, shape, and arrangement), electrode potential and electrostatic field, MET platform, design, and operation.





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Message from the Editor-in-Chief

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