Special Issue

Advance in Microbial Electrochemical Technologies

Message from the Guest Editor

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.

Guest Editor

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closed (31 August 2024)

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Welcome to a new open access journal, Fermentation, which meets the growing need for a high quality peerreviewed international journal with easy access to all researchers globally. We hope that you will share our enthusiasm for this new journal and look forward to working with you to make Fermentation a leader in its field. Your contributions are vital for the success of this new journal. Proposals for editing a special issue for a particular topical area are always welcome.

Editor-in-Chief

Dr. Badal C. Saha
Retired, National Center for Agricultural Utilization Research, USDA-ARS, Peoria, IL, USA

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