



Advances of Microbial Processes in Bioelectrochemical Systems

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closed (30 June 2022)

Message from the Guest Editors

This Special Issue aims to present up-to-date information on the scientific advances in the microbial processes employed in bioelectrochemical systems. Authors are invited to submit papers relating to, but not limited to, the following topics: electroactive pure microbial cultures, microbial communities, microbial fuel cell, microbial electrosynthesis, microbial electrochemistry, gene expression, gene regulation, metabolic pathways, systems biology, microbial enzymes, biological systems, synthetic biology, biodegradation gene expression, and metabolic pathways in microbial fuel cells.

- bioelectrochemical systems
- pure microbial cultures
- microbial communities and diversity
- metabolic pathways of biodegradation
- gene expression upon biodegradation
- microbial fuel cells for waste and wastewater treatment
- microbial electrosynthesis
- genetic engineering
- synthetic and systems biology





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Message from the Editor-in-Chief

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