Special Issue

Microbial Fuel Cells for Bioenergy, Bioremediation and Bioproducts

Message from the Guest Editor

With the rapid growth of the global economy and development of industrialization and urbanization, the environmental and ecological issues faced by human society are becoming more and more serious. Reducing the environmental impact during fossil energy utilization and decreasing the energy consumption during environmental restoration has attracted the extensive attention of researchers in the past few decades. In line with the energy and environmental challenges, microbial fuel cell (MFC) technology has delivered an appropriate and environmentally friendly approach to treating wastewater/contaminants with decarbonizing electricity generation, resource recovery, and value-added product synthesis at the same time.

The main purpose of this Special Issue is to assemble original research papers and reviews providing novel directions for microbial electrochemical technologies. Keywords: microbial fuel cells (MFCs); exoelectrogens; extracellular electron transfer; electroactive biofilms; bioenergy and resource recovery from waste; value-added chemical bioelectrosynthesis; environmental bioelectrochemistry; bio-hybrids; bio-electro-fenton

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Welcome to an open access journal, *Fermentation*, which meets the growing need for a high quality peer-reviewed international journal with easy access to all researchers globally. We hope that you will share our enthusiasm for this 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 journal. Proposals for editing a special issue for a particular topical area are always welcome.

Editor-in-Chief

Prof. Dr. Christian Kennes
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