

Special Issue

Advancements in Microbial Fuel Cells

Message from the Guest Editor

The Special Issue Advancements in Microbial Fuel Cells seeks high-quality research focusing on the advances in and applications of MFC technology. The contributions will include advancements in bioanode-based MFCs for the biodegradation of emerging pollutants and the effect of new biomass-based materials for anodes on the electron transfer process to the anode. Concerning biocathode-based MFCs, the contributing research will provide the latest progress in recent applications of this system. Studies focusing on the enhancement and long-term operation of MFCs are of high interest. Topics can include, but are not limited to, the following:

- Biodegradation or biotransformation of emerging pollutants in MFC systems;
- Removal of heavy metals in MFC systems;
- Biocathode-based MFCs;
- Novel materials for electrodes;
- Novel MFC configurations;
- Merging MFC technology with other wastewater treatment technologies;
- Elucidating microbial interactions with pollutants and electrodes.

Guest Editor

Dr. Claudia Guerrero–Barajas

Departamento de Bioprocesos, Unidad Profesional Interdisciplinaria de Biotecnología, Instituto Politécnico Nacional, Mexico City 07340, Mexico

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

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Message from the Editor-in-Chief

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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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