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Microbial Fuel Cells II

Guest Editor:

Dr. Chikashi Sato

Department of Civil and
Environmental Engineering,
Idaho State University, 921 S. 8th
Ave., Stop 8060, Pocatello, ID
83209, USA

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Message from the Guest Editor

Dear Colleagues,

A microbial fuel cell (MFC) generates electricity with the help of electrochemically active bacteria, degrading abundant, renewable organic matter, which can be environmental pollutants present in wastewater. Thus, MFC can be one of the sustainable energy generation systems of the future. Furthermore, MFC technology has evolved into other viable applications, such as removal of toxic substances, nutrient recovery, environmental quality monitoring sensors, and implantable health devices.

Since the discovery of microbial electrical energy over a century ago, MFC technology has made significant advances in energy generation and recovery. This Special Issue will focus on recent revolutionary MFC technologies in terms of biological and non-biological catalysts, construction materials, design, operation, and applications.

We look forward to hearing from you soon.



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Special Issue



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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