

Special Issue

Environmental Application of Microbial Fuel Cells

Message from the Guest Editors

We are pleased to announce the Special Issue entitled “Environmental application of microbial fuel cells” in the *International Journal of Environmental Research and Public Health* (IJERPH). Though microbial fuel cell (MFC) technology has been studied intensively in recent years, the obtained power production is still not satisfactory enough to apply this technology in practice. For this reason, extensive research on MFCs is still needed. This Special Issue will be focused on the investigations of MFCs, which are aimed at environmental benefits such as sustainable energy production in the form of electric current or sustainable no-energy-consuming wastewater treatment. We encourage the submission of manuscripts dealing with enhancement of power production in MFCs, wastewater treatment, searching for new electrogenic species and optimizing conditions for maximized current production by microorganisms, microorganism identification and evolution in MFCs, new materials, and MFC design for enhanced power production. Original research as well as review articles are welcome.

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2021)



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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

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