

Special Issue

The New Generation of Biofuel Cells

Message from the Guest Editors

Biofuel cells, a subject of exploration in recent decades, encompass enzyme-based and microbial fuel cells. The field of biofuel cells has witnessed remarkable growth, especially in the hope of becoming the preferred power source for applications like implants or small disposable electronic devices. This Special Issue serves as an excellent opportunity to showcase the latest advancements in biofuel cell research. We welcome contributions that delve into fundamental aspects of bio-electrocatalysis, explore the engineering of superior biocatalysts, investigate efficient immobilizing of biocatalysts to electrodes for enhanced electron transfer rates, and highlight advancements in low-power electronics and integration technologies. Additionally, we encourage submissions highlighting the exciting realm of sensing applications utilizing biofuel cells. We eagerly anticipate receiving your valuable contributions, whether in the form of original research papers or comprehensive review articles. Dr. Trang NAKAMOTO

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