

Special Issue

Molecular Advances in Bioelectrochemistry

Message from the Guest Editors

The Special Issue aims to highlight the new interactions between biological systems and electrodes; this involves the study of electron transfer processes in biological molecules, which has applications in various fields such as energy conversion, biosensors, and biofuel cells. Molecular advances in bioelectrochemistry encompass a wide range of research areas, including the development of novel materials, our understanding of electron transfer mechanisms, and exploring applications in biotechnology. The molecular advances in bioelectrochemistry contribute to the development of innovative technologies with applications in energy storage, sensing, and biomedical devices. This Special Issue welcomes contributions addressing, but not limited to, the following topics: electron transfer in biological systems, bioelectrochemical sensors and biosensors, electroactive biomolecules, nanomaterials in bioelectrochemistry, enzyme engineering for biofuel cells, redox-active polymers, and molecular dynamics and simulation studies for bioelectrochemistry reactions.

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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