

Special Issue

Cell Membrane Electroporation and Electroosmosis Mechanisms

Message from the Guest Editor

This Special Issue will broaden the scope of applied and fundamental research on electroporation, focusing on molecular biology and molecular medicine.

We are pleased to invite you to submit original research or review articles for this Special Issue. Topics of interest include, but are not limited to, the following:

- Bacterial and eucaryotic cell electroporation, for example, calcium electroporation, irreversible electroporation, and reversible electroporation.
- Nanosecond and sub-microsecond electroporation fundamentals and their applications.
- Electroporation-initiated processes: ROS, the activation of signaling pathways, cell death (apoptosis or necrosis), etc.
- Immune responses after electroporation, including the release of intracellular molecules, the abscopal effect, and other systemic processes.
- Clinical case studies on electroporation-based treatments.

Guest Editor

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About the Journal

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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