

Special Issue

The Emerging Role of Non-ionizing Radiation in Biomedical Applications

Message from the Guest Editor

This Special Issue focuses on electromagnetic field applications in biomedical treatments and will include original articles on the molecular mechanisms of electromagnetic field applications that are useful for various therapies (e.g., cancer, neurodegenerative diseases and/or central nervous system affections, chronic inflammatory and metabolic pathologies, as well as heart arrhythmias) considering different cell types and tissues. Potential topics include, but are not limited to, molecular responses coming from intracellular targets, cell membranes, as well as stem cell compartments. New targets and emerging outcomes for novel therapies are other welcome subjects for this Special Issue. Keywords

- electroporation
- transcranial magnetic stimulation
- direct current stimulation
- electroceutical
- electromagnetic field-based therapy
- bioelectromagnetic interactions

Guest Editor

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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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