



## Plasma Bioscience and Medicine Molecular Research

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### Message from the Guest Editors

The objective of this Special Issue is to present research underlying nonthermal gas plasma therapeutic methods useful in medicine, skin, aesthetics, food processing, decontamination, sterilization, and, in the current scenario, challenges and perspectives in biomedical sciences. Plasma medicine researchers are focused on basic studies on the characterization of the bioplasma sources applicable to living cells, especially to the human body, and fundamental research on mutual interactions between bioplasma and organic–inorganic, liquid, and bio- or nanomaterials. Although the processes that accompany the development of plasma-based applications are known, the underlying molecular basis is less understood. For that, knowing new mechanisms and molecular events that participate in this plasma-induced biological process is fundamental to understand its development and would allow having new targets for biological applications or new treatment strategies. With this Special Issue of IJMS, we aim to offer a platform for high-quality publications on nonthermal plasma-based new mechanisms and molecular responses.





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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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