

Special Issue

Recent Advances in Photobiomodulation Therapy (PBMT)

Message from the Guest Editors

Photobiomodulation (PBMT), known as low-level light therapy, is a non-invasive technique that is used in the visible and near-infrared spectrum to stimulate and promote cellular function. The light energy used in PBMT is absorbed by cells, triggering a series of biochemical reactions that ultimately improve cell function and tissue healing. Because of this, it can be applied to various tissues in the body, including skin, muscles, joints and organs to reduce inflammation, promote tissue repair and reduce pain; therefore, it is used in a variety of medical applications. Research is being actively conducted on PBMT to further understand its potential for treating various incurable diseases; research has shown that PBMT has promising therapeutic effects in combination therapy. The purpose of this Special Issue is to report on recent advances in PBMT therapy in various fields. These include gene and stem cell therapy, and the differentiation of neural or non-neural target cells from organoids, but other studies can also be comprehensively reported. We welcome a wide variety of studies confirming the effect of PBMT.

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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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