



Therapeutic Mechanisms of Photobiomodulation

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Message from the Guest Editors

This Special Issue of *Biomedicines* will be an evaluation of past, novel and emerging evidence for the therapeutic mechanisms of photobiomodulation. The Special Issue will assemble papers that cover many areas of previous and current scientific research underpinning the molecular mechanisms of photobiomodulation and its translation into therapeutic applications. The therapeutic effects of photobiomodulation appear to be mediated through pleiotropic pathways and mechanisms, directly, systemically, and by the abscopal modulation of cellular metabolism, gut-brain axis etc. The aim of this Issue is to bring together state-of-the-art papers in these areas of research, as well as the more traditional areas of photobiomodulation therapy in pain, wounds, and inflammatory arthritis. There are many fields of research that intersect with photobiomodulation, including photophysics, photobiology, and translational medical research. Bringing together this research under the theme of therapeutic mechanisms of photobiomodulation will allow for an evidence-supported level of recognition of PBM, and has the potential to accelerate the translational uptake of this therapy.





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Message from the Editor-in-Chief

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