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Antioxidant Treatment Strategies-Photobiomodulation Therapy in Diseases

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Deadline for manuscript submissions:

closed (31 May 2023)

Message from the Guest Editors

Technical topics of this Special Issue include but are not limited to the following:

- Advanced understanding of photobiomodulation mechanism as an antioxidant at cellular level;
- Photobiomodulation in neurological, musculoskeletal, and endocrinological diseases and disorders;
- Effects of photobiomodulation on accelerating acute and chronic wound healing;
- Photobiomodulation therapy in pain management;
- Role of light therapy in dental and oral diseases;
- Photobiomodulation therapy and its influence on dental implant integration;
- Influence of photobiomodulation therapy in bone healing and regeneration of various bone defects;
- Impact of photobiomodulation on mitochondrial dysfunction conditions/diseases;
- Photobiomodulation therapy and its role in orofacial neuropathic pain management;
- Photobiomodulation therapy in oral mucosal lesion management;
- Photobiomodulation in management of oncology therapies adverse effects;
- Understanding the molecular and cellular interaction of light with organelles in various diseases management;
- Antioxidants strategies in COVID-19 management.



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Special Issue



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Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of "oxidative stress" a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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