

Special Issue

Light as a Cure: Photobiomodulation, from the Cell to the Clinical Application

Message from the Guest Editors

Today photobiomodulation shows limitations in its applicability, due to some lack of its reproducibility. The new challenge for researchers is therefore implementing knowledge at the cellular level and validating it through reliable pre-clinical (animal) and clinical studies. Both original research papers and review papers are welcome. Technical topics include but are not limited to the following:

- Novel molecular and cellular mechanisms of photobiomodulation;
- Impact of photobiomodulation on cellular damage and stress;
- Photobiomodulation interaction with life forms: an evolutionary perspective;
- Photobiomodulation and tissue interaction: behavior and optimization of irradiation parameters to support more reproducible therapy;
- Implications of photobiomodulation on tissue dysfunction recovery;
- Impact of photobiomodulation on human disorders and diseases: pre-clinical and clinical evidence combined with pharmacological and non-pharmacological therapies.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2023)



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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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