



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

Guest Editors:

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Deadline for manuscript  
submissions:

**closed (31 May 2023)**

### 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.

