

Review Form 3

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_130739
Title of the Manuscript:	Photobiomodulation Mitigates Oxidative Stress Induced by Bothrops jararacussu Venom in C2C12 Myoblast Cells
Type of the Article	Original Research Article

General guidelines for the Peer Review process:

This journal’s peer review policy states that **NO** manuscript should be rejected only on the basis of ‘**lack of Novelty**’, provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1.reviewerhub.org/general-editorial-policy/>

Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>
Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

Review Form 3

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This manuscript highlights the potential of photobiomodulation (PBM) in mitigating oxidative stress induced by Bothrops jararacussu venom. By demonstrating PBM's ability to reduce reactive oxygen species and enhance antioxidant activity, it offers a promising alternative treatment for snakebite envenoming. The findings provide valuable insights into the mechanisms of PBM, contributing to the development of non-invasive therapies for venom-related tissue damage.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes. The title is suitable as it clearly conveys the focus of the study, highlighting the role of photobiomodulation in mitigating oxidative stress caused by Bothrops jararacussu venom in C2C12 myoblast cells. It is concise and informative.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	To enhance the abstract's clarity, I suggest explicitly including the following sections: <ul style="list-style-type: none">Aims: State the study's objectives.Methodology: Briefly describe the research design and methods.Results: Summarize the key findings.Conclusion: Provide a concise interpretation of the results.	
Is the manuscript scientifically, correct? Please write here.	The manuscript appears scientifically correct, with sound methodology and relevant findings on the potential of photobiomodulation in mitigating oxidative stress from Bothrops jararacussu venom.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The manuscript includes only one reference from 2024 and lacks more recent citations from 2023, which could be important for ensuring the literature is up to date. So add Some latest references.	
Is the language/English quality of the article suitable for scholarly communications?	The language is suitable for scholarly communication.	
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Shankar Sahebrao Yelmame
Department, University & Country	Sandip Foundation's, Sandip Institute of Pharmaceutical Sciences, India