Iranian Journal of Pharmaceutical Research
Volume 24 · Issue 1 · e147434

OPEN PEER REVIEW

Antimicrobial, Anti-inflammatory, Angiogenesis, and Wound Healing Activities of Copper Nanoparticles Green Synthesized by *Lupinus arcticus* Extract

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SUBMITTED	REVISED	ACCEPTED	DOI
8 Apr 2024	1 Jan 2025	7 Jan 2025	10.5812/ijpr-147434

About this report

This open peer review (OPR) report shows the public comments made on this article during peer review, by the reviewers, the associate editor and the editor-in-chief, for every revision round, together with the authors' replies. Comments appear only with the consent of the people who wrote them. Reviewers who chose to sign their report are named; the others are shown as "Referee". Comments are edited for language only, and confidential remarks to the editors are not included.

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1 Original submission

1 comment · 10 Apr 2024

Referee 1 Reviewer

MAJOR REVISION 10 Apr 2024

1. The language of the manuscript must be revised, and some grammatical errors must be corrected as well.
2. The physicochemical structure of the nanoparticles must be characterized and explained extensively through graphical data presentation.
3. The chemical structure of gentamicin must be sketched and added to the manuscript.
4. The discussion section must be revised. Modification of the manuscript must be carried out considering the effects of the negative control.

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Revision 1

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

Dear Editor

Once again we would like to thank you and the respected reviewers for valuable and constructive comments. We properly respond to all comments and we hope these revisions make our manuscript suitable for publication.

- ***Reviewer 1:***

1. The writing language of the manuscript must be revised and some grammatical errors must be corrected as well.

Response: Throughout the manuscript was significantly improved.

2. The physicochemical structure of the nanoparticles must be characterized and explained extensively, through graphical data presentation.

Response: Revision was made as the respected reviewer recommended.

3. The chemical structure of gentamicin must be sketched and added to the manuscript.

Response: Was added to the text.

4. The discussion section must be revised. Modification of the manuscript must be carried out considering the effects of negative control.

Response: Revision was made as the respected reviewer recommended.

- ***Reviewer 2:***

The manuscript was presented in a good English writing, but still needs some correction (shown in the uploaded manuscript).

Response: Throughout the manuscript was significantly improved.

Associate Editor's Comments:

Associate Editor 1:
Dear author
We have received the reports from our advisor on your manuscript, “Antimicrobial, anti-inflammatory, angiogenesis, and woud healing activites of copper nanoparticles green synthesized by Lupinus arcticus extract”, which you submitted to the IJPR. When preparing your revised manuscript, you are asked to carefully consider the reviewer comments, which are attached, and submit a list of responses to the comments.Your list of responses should be uploaded as a file in addition to your revised manuscript.

Response: All comments were responded as point to point.

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2 Revision 1

1 comment · 26 Oct 2024

Associate Editor

MINOR REVISION 26 Oct 2024

Dear Author
Thank you for submitting your valuable work "Antimicrobial, anti-inflammatory, angiogenesis, and woud healing activites of copper nanoparticles green synthesized by Lupinus arcticus extract" to the IJPR. The answers are acceptable, but reviewers have some additional comments, and your manuscript needs minor revision. Please make the required corrections before publication in the IJPR.
Please also recheck and correct the title.

3

Revision 2

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

Dear Editor

Once again we would like to thank you and the respected reviewers for valuable and constructive comments. We properly respond to all comments and we hope these revisions make our manuscript suitable for publication.

Reviewer 1:
This manuscript encloses some new aspects of antibacterial activity of chemical structures. Nevertheless, some critical points must be considered before publication.

1. Please explain some more about the novelty of compounds.

Response: the novelty of compounds was explained more.

2. Discuss concisely about the results. Compare the results with the previous similar studies.

Discussion: Discussion was significantly improved as the respected reviewer recommended.

Associate Editor's Comments:

Associate Editor 1:
Dear Author
Thank you for submitting your valuable work "Antimicrobial, anti-inflammatory, angiogenesis, and woud healing activites of copper nanoparticles green synthesized by Lupinus arcticus extract" to the IJPR. The answers are acceptable but reviewers have some additional comments and your manuscript needs minor revision. Please do the required correction before publishing on the IJPR.
Please also, recheck and correct the title.

Response: All revisions were made.

3 Revision 2

1 comment · 4 Jan 2025

Referee 1 Reviewer

ACCEPT 4 Jan 2025

Congratulations