

## **Local anti-inflammatory effect and immunomodulatory activity of chitosan-based dressing in skin wound healing: a systematic review**

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Local Anti-inflammatory Effect and Immunomodulatory Activity of Chitosan-Based Dressing in Skin Wound Healing: A Systematic Review.

Journal of Clinical and Translational Research

Dear Dr Forte,

Reviewers have now commented on your paper. You will see that they are advising that you revise your manuscript. If you are prepared to undertake the work required, I would be pleased to reconsider my decision.

For your guidance, reviewers' comments are appended below.

If you decide to revise the work, please submit a list of changes or a rebuttal against each point which is being raised when you submit the revised manuscript. Also, please ensure that the track changes function is switched on when implementing the revisions. This enables the reviewers to rapidly verify all changes made.

Your revision is due by Aug 23, 2022.

To submit a revision, go to <https://www.editorialmanager.com/jctres/> and log in as an Author. You will see a menu item call Submission Needing Revision. You will find your submission record there.

Yours sincerely

Michal Heger  
Editor-in-Chief  
Journal of Clinical and Translational Research

Reviewers' comments:

Reviewer #2: Considering the manuscript JCTRes-D-22-00042 entitled (Local Anti-inflammatory Effect and Immunomodulatory Activity of Chitosan-Based Dressing in Skin Wound Healing: A Systematic Review), the topic is intriguing for the readers in the wound healing field. However, major comments appended below should be addressed as follow:

1. Introduction: it is superficial and the authors should improve it. The authors should discuss the microbial infections alongside the overproduction of free radicals during wound healing, which postpone the inflammation duration to enlighten the role of chitosan-based wound dressing as antimicrobial and antioxidant wound dressings.
2. Please merge the results and discussion since the authors mentioned a lot of references in the results discussion and to avoid the replication of information.
3. Some related works recently published should be considered to improve the manuscript; for instance, <https://doi.org/10.1016/j.sjbs.2022.01.015>; <https://doi.org/10.1016/j.jbiotec.2020.02.002>; <https://doi.org/10.1016/j.ijbiomac.2020.11.119>; <https://doi.org/10.1038/s41598-018-29650-w>.

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2nd Editorial decision  
14-Aug-2022

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Dear authors,

I am pleased to inform you that your manuscript has been accepted for publication in the Journal of Clinical and Translational Research.

You will receive the proofs of your article shortly, which we kindly ask you to thoroughly review for any errors.

Thank you for submitting your work to JCTR.

Kindest regards,

Michal Heger  
Editor-in-Chief  
Journal of Clinical and Translational Research

Comments from the editors and reviewers: