

**Review Form 1.7**

Journal Name:	<b>Journal of Scientific Research and Reports</b>
Manuscript Number:	<b>Ms_JSRR_113723</b>
Title of the Manuscript:	<b>Development and characterization of nano-chitosan-polyvinyl alcohol-glycerol -chlorhexidine films for wound healing applications</b>
Type of the Article	

## Review Form 1.7

### PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>1- <b>Yes, it is important.</b>                  2- <b>No, the title is not suitable</b>                  3- <b>Yes, the abstract is comprehensive.</b>                  4- <b>Yes, the subsections are appropriate.</b>                  5- <b>Yes, it is scientifically correct.</b>                  6- <b>Yes, references were sufficient</b></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes, it is</p>	
<p><b>Optional/General</b> comments</p>	<p>The title of the manuscript (<b>Development and characterization of nano-chitosan-polyvinyl alcohol-glycerol -chlorhexidine films for wound healing applications</b>) gives an indicator of two things. The first one is the synthesis of a nanoparticle coating film and the second is the use of this film for the treatment of wounds. The first part of the manuscript was achieved, but the second part is absent. There is no <i>in vivo</i> or human involved in this study. So, it must remove the wound healing from the title. It can be suggested in conclusion to be used for the treatment of wounds. Other comments are:</p> <p>1- It looks like there are missing sentences after the last line of the second paragraph of the introduction (<b>Glycerol, a non-volatile polyol, acts as a plasticizer in film-forming solutions to enhance film flexibility [13].</b>)</p> <p>2- Full names of abbreviations should be written in the first place, such as FTIR, SEM, TGA, and XRD.</p> <p>3- In the method section, names and sources of bacteria must be included in the antibacterial properties .</p> <p>4- In Figure 5, images should be distinguished as a and b images.</p> <p>5- In Fig. 7 &amp; 8, illustrations for their images must be included in the title of the figures.</p> <p>6- In Fig. 9, an image of Petri must be shown and not just part of it.</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<b>No</b>	

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