



**SDI Review Form 1.6**

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| Journal Name:            | <b><u><a href="#">British Journal of Medicine and Medical Research</a></u></b>  |
| Manuscript Number:       | <b>Ms_BJMMR_19678</b>   |
| Title of the Manuscript: | <b>A New Anionic Bovine Tendon as Scaffold for the Repair of Bone Defects: A Morphological, Histomorphometric and Immunohistochemical Study</b> |
| Type of the Article      | <b>Original Research Article</b>  |

**General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

|                                     | <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>Compulsory</b> REVISION comments | <p>Line 48: Could the authors give a few examples of the growth factors?</p> <p>Line 55-59: Please explain a bit more in a sentence that how the piezoelectric properties is beneficial to healing bone defects. The benefit of these properties is not clear in the introduction.</p> <p>Line 82: Could the authors explain why blood clots were used in the experimental groups?</p> <p>Line 115: sodium chloride solution instead of sodium chlorate solution?</p> <p>Line 116: what is the size of the materials used?</p> <p>Line 116: Could the authors explain why the perpendicular orientation of major axis of the collagen fiber bundle respective to the long axis of the tibia was preferred?</p> <p>Lines 138 - 140: Please provide the catalog number of the antibodies used. There can be different products in the company for the same antigen and they may give slightly different results.</p> <p>Line 308: The authors mentioned that anionic bovine tendon is an adequate and biocompatible material for efficient bone regeneration. How is the rate of bone</p> |   |



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|                                  | regeneration compared to the rate for materials used by other groups?   |  |
| <b>Minor</b> REVISION comments   | Line 158: light microscope instead of light telescope?<br>Fig. 2: unclear about the units of the y-axis<br>Lines 211 - 213: a bit confusing for the significance indication (using the lowercase letters)<br>ethical issues -Use of animals was involved and ethical approval was stated in the manuscript. |  |
| <b>Optional/General</b> comments |   |  |

**Reviewer Details:**

|                                  |   |
|----------------------------------|---|
| Name:                            | <b>Anonymous</b>  |
| Department, University & Country | <b>The Hong Kong University of Science and Technology, Hong Kong, China</b> |