



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_45082
Title of the Manuscript:	Experimental Periosteitis Does Not Influence The Peripheral Nerve Regeneration In Wistar Rats After Axonotmesis
Type of Article:	Original Research Papers

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The research continues without answering its main objectives, since the authors proposed to evaluate the influence of periodontitis on the nerve damage in rats, without evaluating NO systemic biomarker (related to the effects periodontitis as, for example, cytokines found in the bloodstream as a result of periodontal disease and, perhaps, could lead to that conclusions). The work may contain important biases in methods, for the systemic evaluation, about what has been proposed.	The objective of this study was to evaluate the influence of periodontitis on neural damage in rats, so the objective was to evaluate morphometrically if the systemic condition of periodontitis could provoke some neural alteration in rats submitted to axonotmesis. However, as the results did not demonstrate the influence of periodontitis on neural damage morphometrically, the cytokines and other biomarkers were not performed. No analysis of inflammatory markers by bloodstream should be done in these forms of research, as it could lead to other biases in the methods. Evaluations or analysis should be made through collections of gingival tissue and neural tissue in the region of injury to be able to prove the action. Soon new studies could be carried out in the future, so that these inflammatory biomarkers can be evaluated