Reviewer’s report

Title: Cyclic compression emerged dual effects on the osteogenic and osteoclastic status of LPS-induced inflammatory human periodontal ligament cells according to loading force

Version: 1 Date: 15 Nov 2019

Reviewer: Tadashi Yamamoto

Reviewer's report:

The authors have made good efforts to address the comments made by the reviewers and the manuscript was significantly improved in the last version. It is somewhat disappointing that the authors were not able to provide any morphological changes by cyclic compression and more conclusive data about mechanotransduction in PDL cells. Even though, I think this paper is acceptable for publication in BMC Oral Health.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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