Reviewer’s report

Title: Anti-Inflammatory Effects of Olanexidine Gluconate on Oral Epithelial Cells

Version: 0 Date: 30 Jan 2019

Reviewer: Kiyonobu Honma

Reviewer's report:

The authors described about anti-inflammatory effect of olanexidine gluconate(OLG) for RT7 oral epithelial cell that estimated by cytotoxicity test and secretion of inflammatory cytokines that stimulated with P. gingivalis LPS.

The concept of this study is simple and clear. However if the author can accumulate more data, it makes this manuscript better — for example, mRNA expression estimation for TLR2 and 4 by qRT-PCR or other procedure.

If the authors compared with OLG and another control chemical, like chlorhexidine for cytotoxicity activity and cytokine induction activity, please add it.

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.

Not relevant to this manuscript

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

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