Reviewer’s report

Title: Dexmedetomidine enhances tolerance to bupivacaine cardiotoxicity in the isolated rat hearts: alpha 2 adrenoceptors were not involved

Version: 0 Date: 07 May 2019

Reviewer: Jiqing Guo

Reviewer's report:

In this revised version of the manuscript "Dexmedetomidine enhances tolerance to bupivacaine cardiotoxicity in the isolated rat hearts: alpha 2 adrenoceptors were not involved" Authors did additional control experiments and eliminated the possibility of that dexmedetomidine showed the direct protective effect on the experimental deterioration of the hearts. The manuscript has been modified accordingly. I think the manuscript is acceptable. But there still are a few mistakes need to be corrected, mainly Table 1:

1, Table 1, What were unit of the data in the table? "Second"?

2, Table 1, In the table, the P values in all the statistic relative to CON and DEX were 0.0000. That was clearly not acceptable and correct.

3, line 76 in Abstract, "In all 5 groups, the experimental perfusion was sustained until the heart asystole." that is not correct.

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?
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Yes
I am able to assess the statistics

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Please indicate the quality of language in the manuscript:

Acceptable

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