Reviewer’s report

Title: Effects of dexmedetomidine on porcine pulmonary artery vascular smooth muscle

Version: 2 Date: 23 Jul 2019

Reviewer: Jean-Pierre Estèbe

Reviewer's report:

I have carefully read the revised manuscript and the authors' responses. Clarifications have been done. I think that this experimental study has been expressed at its maximum. I would like the authors to put in the limits of their study the lack of new control at the end of each procedure (i.e. as at the beginning .. "infusion 5 microM adrenaline as control value"). This would have made possible to confirm the reproducibility the contraction tension, with or without a decrease effect of the baseline of the response.

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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