Reviewer’s report

Title: Comparison of metamizole and paracetamol effects on colonic anastomosis and fibroblast activities in Wistar rats

Version: 0 Date: 19 Nov 2019

Reviewer: Janet Mifsud de Gray

Reviewer's report:

This is an interesting and well written paper which uses sound scientific evidence in support of its conclusions. It is not clear however how the number of animals needed to make the study statistically valid estimated. In addition the paper would gain from supporting evidence showing how the results obtained from these animal studies can be transferred to the human situation. The raw individual data per animal supporting figures no 2 to 7 also need to be included in the paper, with the relevant statistical analysis to support the figures as drawn. In addition, in lines with established norms, more information needs to be provided on the 3Rs taken in the care of these animals and measures taken to reduce suffering.

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
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Acceptable

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