Reviewer’s report

Title: Short-term treatment with taurolidine is associated with liver injury

Version: 0 Date: 06 Jun 2017

Reviewer: Carlo Riccardi

Reviewer's report:

The paper by Fahrner et al provides evidences for liver toxicity by Taurolidine. Results are clear, but what it is not is whether the concentration they consider toxic is the same used in the clinics. In other words, did the authors investigated a dose commonly used for therapy? This is a missing important point that authors should absolutely discuss, otherwise there’s no reason to talk about toxicity. In the pharmacokinetics of Taurolidine, what is the range of concentrations they used? Is it still far from the toxic dose-response curve?

MINOR:
- English language must be revised by a native speaker
- page 14, add "alpha" to TNF
- fig. 2E: in the graph, please indicate the concentration of Taurolidine

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

Unable to assess

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.

No

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:

Needs some language corrections before being published

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