Reviewer’s report

Title: Haloperidol affects bones while clozapine alters metabolic parameters - sex specific effects in rats perinatally treated with phencyclidine

Version: 0 Date: 21 Jul 2017

Reviewer: Tao Che

Reviewer's report:

The authors investigated the effects of two representative drugs on PCP-induced side effects. But due to the bad quality of the figures, it is very difficult to understand the details.

1. In Figure 1, it is confused when the authors claimed there is significant difference between experimental group and control group because the difference is actually is very small. Does this small difference necessarily mean anything?

2. In Figure 1 and 2, it is interesting to see huge difference between male and female rats. But why PCP has almost no effects on female rats if it also targets the NMDA receptor. Compared to the PCP group, why PCP+H or PCP+C is worse?

3. In Figure 3, please point out and label the differences properly to help the readers.

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.

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 recommend additional statistical review
Quality of written English
Please indicate the quality of language in the manuscript:
Not suitable for publication unless extensively edited

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