Author's response to reviews

Title: Antinociceptive and cytotoxic activities of an epiphytic medicinal orchid: Vanda tessellata Roxb.

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Author's response to reviews: see over
To
Editor
BMC Complementary and Alternative Medicine
Web: http://www.biomedcentral.com/bmccomplementalternmed/

Sub: Submission of revised manuscript

Dear Editor,

I am pleased to submit the revised research article entitled “Antinociceptive and cytotoxic activities of an epiphytic medicinal orchid: *Vanda tessellata* Roxb.” for possible publications in your esteemed journal. According to the reviewer’s comments, I have made all necessary corrections throughout the manuscript that are given below:

**Referee 1:**
# Some typographical errors;
Reply: Has corrected the typographical errors. If you could specify the errors, it would be helpful.
# Is this author name is necessary here, because you have given reference number already [Moreover, Subramoniam et al. (2013) isolated a compound]
Reply: Has made correction.
# body weight (b.wt), Is this standard format?
Reply: In medical terminology, body weight is abbreviated as BW. I’ve made corrections throughout the manuscript.

_N.B: All necessary revisions that are suggested from referee 1 marked in Blue color in the manuscript._

**Referee 2:**
Major Compulsory Revisions
1. The ethnomedicinal information on *Vanda tessellata* is inadequate. A number of ethnomedicinal reports on the plant is available, which have not been cited and which may give an adequate ethnomedicinal basis for pharmacological activity studies with this species.
Reply: More ethnomedicinal reports have added in the introduction.
2. One week for methanol and aqueous extraction of leaves appear to be too much. How did the authors prevent degradation or rotting of leaves in water when the extraction was carried out for 7 days? How much water and how much methanol were used for extraction? What was the final weight of the extracts? Why did the authors want to remove color by repeated filtration? The color could be due to an active ingredient. Did the authors carry out any preliminary phytochemical analysis of both extracts?
Reply: I’m sorry, it was a mistake. Methanol extract was kept for 1 week, but aqueous extract was kept for 1 day i.e overnight. I’ve corrected this issue. The final yield of the extract has also added. I think removal of color by repeated filtration is a hypothetical approach that doesn’t mean the presence of more active ingredient(s). I’ve removed this contradictory sentence.
Preliminary phytochemical analysis has already screened, I’ve cited this report in the discussion part.

3. In the Discussion part, how did the authors know that flavonoids were present in the extract(s)? They indicate flavonoids as possible bioactive compounds and give Reference numbers 25-28.

Reply: In the Discussion part, author wasn’t meant that flavonoids are present in the extract(s) rather author claimed the flavonoids also act as antinociceptive and anti-inflammatory agent. Reference numbers 25-28 claimed the flavonoids act as antinociceptive and anti-inflammatory, for this, I’ve mentioned these references.

4. In short, the Methods and Discussion section should be re-written to give the readers an adequate understanding. A preliminary phytochemical analysis of the extracts should also be carried out.

Reply: Methods and Discussion section has re-written clearly. Preliminary phytochemical analysis has already screened, I’ve cited this report.

N.B: All necessary revisions that are suggested from referee 2 marked in Red color in the manuscript.

Referee 3:
Reply 1: In our next project we would purify and isolate some active fractions from this plant and would also extend the experimental works.

Reply 2: The conflicting statement in the discussion part has corrected according to your suggestion.

Reply 3: Grammatical and typo error have checked and corrected.

N.B: All necessary revisions that are suggested from referee 3 marked in Green color in the manuscript.

Please let me know if you need any assistance and revision.

Thanking you.

Sincerely yours,

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