Reviewer's report

Title: TRPV1 channel inhibition contributes to the antinociceptive effects of Croton macrostachyus extract in mice

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Reviewer: Vinicius M Gadotti

Reviewer's report:

The authors have successfully addressed most of the comments from my first review, however there are still few points that need a better clarification.

- Major comment #1): The authors answered that their measurement time points follow Sotocinal et al 2011, thus this reference must replace Nguelefack et al 2010.

- Minor comment #11): a positive result is always relevant and must be addressed in the manuscript.

- Minor comment #14): Considering plastic changes in the primary afferent fibers and the mechanisms involved in the etiology of pain phenotype after injury in mice, innumerous articles in the literature have extensively shown that pain observed up to 5 days from sciatic nerve injury are due to post-inflammatory surgery pain, thus measurements of hyperalgesia during this time must not be considered as CHRONIC neuropathic pain. Measurements from 7-14 days are considered PERSISTENT neuropathy and only after 14 days from the surgeries must be considered as CHRONIC neuropathy. This need to be addressed by the authors all along the manuscript.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests