Reviewer’s report

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

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Reviewer: Daniel Martins

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This is an interesting study implicating on evaluation of antinociceptive and antihyperalgesic activity of the methanol/methylene chloride extract (MECM) of the stem bark of this plant using mice models of persistent inflammatory and neuropathic pain, and assesses its mechanism of action. The data are novel and interesting, and there is a clear plausibility about how the MECM produces antihyperalgesic activity. However, there are several shortcomings to the manuscript in its current form. The manuscript can be further considered when these issues are addressed.

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

Quality of written English: Needs some language corrections before being published

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.