Reviewer’s report

Title: Antimicrobial and antiproliferative activity of essential oil, aqueous and ethanolic extracts of Ocimum micranthum Willd leaves

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Reviewer: Qamar Uddin Ahmed

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Antimicrobial and antiproliferative activity of essential oil, aqueous and ethanolic extracts of Ocimum micranthum Willd leaves

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The major drawback of this research work is that authors didn't attempt to isolate active principles. Introduction is weak and lacks important information about this plant. Traditional claims of this plant have not been documented and discussed properly. Data is not enough. Authors should have tried to discover active principles responsible for aforesaid biological activities which they didn't attempt to isolate. Surprisingly, polar extracts showed positive activities in all the biological assays taken into consideration, yet no attempt was made to isolate active principles. Authors have not cleared in this paper why they were not prompted to isolate biologically active compounds from the same plant despite the fact that extracts displayed potent activities in different biological assays? It is a weak research study. Quality of English should be improved and biologically active compounds should be isolated. Kindly incorporate all corrections accordingly before any decision could be made. This article in its current form is not worth acceptable. Major revision is required.

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.

Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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