Reviewer’s report

Title: Antimicrobial and antiproliferative activities of geopropolis from stingless bee Melipona scutellaris

Version: 1 Date: 1 October 2012

Reviewer: Shruti Shukla

Reviewer’s report:

I have read the manuscript carefully. The manuscript has presented considerable amount of work. However, there are so many comments which author should rectify prior to accept the manuscript for publication. Also authors reported antimicrobial activity using MIC/MBC determination. In my opinion to improve the quality of the manuscript, authors should design some more experiments to visualize the effect of the antimicrobials using cell viability assay, and SEM analysis to visualize the effect on cell wall integrity. My comments are as below:

1. Whether the abbreviations HF, CF and AcF are suitable or not. Please check.
2. Whether the column temperature 350°C is proper or nt. Kindly justify.
3. Why Figure captions are included between the text.
4. Author also specifies the RI value of identified compounds.
5. Give the specification of Instrument used for measuring OD.
6. Topological errors and grammatical errors are also there
7. What is BHI broth. Kindly explain?
8. Kindly provide enough information on HPLC chromatograms
9. References are not set properly.

Level of interest: An article of importance in its field

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'