Reviewer’s report

Title: In vitro antimicrobial activity of geopropolis produced by stingless bee (Melipona fasciculata Smith) against oral pathogens and biofilm viability

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Reviewer: Vassya Bankova

Reviewer’s report:

This article reports on the activity of geopropolis from the stingless bees Melipona fasciculate on oral microorganisms. Till now, there is almost no information about the action of geopropolis on oral microorganisms and the results are of interest. There are several points that need to be addressed by the authors:

Minor essential revisions:

1. Page 8, chemical characterizationn: the phytochemical methods for indicating the presence of triterpenes and alkaloids should be briefly described, the same way it was done for phenolics and flavonoids.

2. Page 9, the last paragraph: the authors declare that HAE-3 contains no phenolic compounds but in Table 1 they report this extract to contain up to 51.2% phenolics. Please, clarify.

3. Table 2: it is not clear how many replicates were performed. Please, indicate and represent the results as mean value ± standard deviation.

Level of interest: An article of importance in its field

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