Reviewer's report

Title: Antifungal activity of berberine hydrochloride and palmatine hydrochloride against Microsporum canis in rabbits and underlying mechanism

Version: 3  Date: 14 April 2015

Reviewer: Luciana Figueredo

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Minor Essential Revisions
The authors improved the text, but some points still need to be revised.

1. The authors provided a reference for the sentence “M. canis is also known as the major cause of dermatophytosis in rabbits [5]”. To my knowledge, M. canis is not the major cause of dermatophytoeses in rabbits. Rather, the most important dermatophyte infecting rabbits is T. mentagrophytes complex. So, the sentence is misleading and the cited reference does not support such a statement. I would suggest the authors to read previous prevalence studies (e.g. Kraemer et al., 2012 - Vet Microbiol. 2012 May 25;157(1-2):208-13).

2. Latin words and scientific names (including those of the reference section) should be in italics.

3. Please provide a reference which support the use tryptic soy agar at 28° C for 4 days for culturing dermatophytes

4. In some parts of the text, the negative control is still described as treated with DMSO. Please see page 5, line 215, 230, and figure 1 and 12 legends.

5. The square legend of the figures, specially the figures 3, 6, and 12, are still very small. The authors should standardize the figures graphics.

6. The references should be formatted according to the journal’s style.

7. Finally, there are still some spelling errors that should be corrected (e.g., “scanning electronic microscopy” should be “scanning electron microscopy”; “Candida tropical” should be “Candida tropicalis”; the sentence “were 1, 1 or 0.015mg/mL, respectively”, should be “were 1, 1 and 0.015 mg/mL, respectively”).

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