Reviewer's report

Title: The in vitro antifungal activity of flavonoids against Trichophyton rubrum is due to the inhibition of fatty acid synthase and a reduction in ergosterol content

Version: 2 Date: 3 October 2012

Reviewer: Joao Lago

Reviewer's report:

I have carefully read the revised-manuscript by Bittencourt et al., after the several corrections pointed by other reviewer. Although the authors have improved the text in relation to the first version, I have evidenced some topics which need major revision before the publication on BMC Complementary and alternative Medicine.

Below are indicated the main points which need corrections:

1. The main point to be answered is - why the authors decided to test quercetin? The answer to this question was included in the letter to the reviewers but no information were included in the manuscript.

2. The authors should give special attention for language corrections, since many errors or mistakes are evidenced. All the parts of the manuscript need of a good correction.

3. Which experiments were done to confirm the purity of tested compounds? HPLC analysis must be conducted and the results presented in the manuscript. For example - quercetin - 99.9% of purity as evidenced by HPLC analysis.

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