Reviewer's report

Title: Mosquito larvicidal activities of Solanum villosum berry extract against the dengue vector Stegomyia aegypti

Version: 2 Date: 12 November 2007

Reviewer: Zeev Wiesman

Reviewer's report:

This study is dealing with an important topic that is relatively not addressed good enough in the literature.

Based on BMC Complementary and Alternative Medicine guidelines, I reviewed the manuscript as follow:

- The question posed by the authors is new and well defined.

- Generally the biological methods are well described. However, the description of the chemical methods is not providing all the needed information to replicate the work. It is suggested to improve the description of the work related to the chemical characterization of the various compounds of the extracts.

- The data sound and in most of the cases is well controlled. I may suggest to add to Table 3 a positive control of showing the effect of a common synthetic larvacidal compound to show the real effectiveness of the extracts.

- The discussion is well balanced and adequately supported by the data, however I would suggest to be more careful in the final conclusions.

- The title and abstract accurately convey what has been found.

- The writing is acceptable.

- I would suggest to make some revisions in the manuscript as described above.

What next?: Accept after minor essential revisions

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Declaration of competing interests:

'I declare that I have no competing interests'