Reviewer's report

Title: Petiveria alliacea extracts uses multiple mechanisms to inhibit growth of human and mouse tumoral cells.

Version: 3 Date: 21 August 2008

Reviewer: LUCIA Cavallaro

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Minor Essential Revisions

1.- Introduction
Reference 25 is MJ Ruffa,

2.- Methods
In vitro cytotoxicity (IC50).
The authors should make a revision of the methodologies utilized for the positive and negative controls evaluation.(i.e. F4 by MTT and vincristine and ethanol by Trypan blue)?

3.- Results
3.1. I suggest the inclusion of a table in replacement of figure 2 G
Cell Line F4 Vincristine
IC50 (µg/ml) IC50 (µg/ml)

3.2.- Figure 4.
The authors must clarify that it is the S2 fraction used as positive control

4.- Discussion
The discussion section could to be one discussion based fundamentally over the results obtained in this manuscript, it would be of interest and relevance for the readers. I suggest one brief description of actions of Petiveria’s compounds reported previously

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'