Reviewer's report

Title: Studies of the in vitro cytotoxic, antioxidant, lipase inhibitory and antimicrobial activities of selected Thai medicinal plants

Version: 2 Date: 24 September 2012

Reviewer: Eduardo Ruiz-Bustos

Reviewer's report:

Minor Essential Revisions

Some of the observations are enlisted next:

Line 37, change “has” for “have”, since it is about investigations: “…for a long time have revealed…”

Line 46, change “are” for “is”, as the authors are talking about Thailand: “…plant species and hence is a potential…”

Line 47, add a comma before antioxidant: “…potential antitumor [7, 9], antioxidant…”

Line 150, the font used for degrees is different to that used before (ie. line 103).

Line 153, remove the word addition.

Line 166, the correct name is Micrococcus luteus (not lutues).

Line 177, the font used for degrees is different to that used before (ie. line 103).

Line 179, complement “…10 mm diameter…” to “…10 mm in diameter…”.

Line 191, the font used for degrees is different to that used before (ie. line 103).

Line 226, space missing after KB3-1.

Line 243, change “and” for “but”: “…extracts, but not the hexane and…”.

Line 267, the font used for degrees is different to that used before (ie. line 103).

Line 268, remove the word “then”: “… antimicrobial activity [22], from the 110…”.

Line 292, complement “mass”: “…(in mass)…”.

Line 394, change phrase to “Although the results of this work are consistent with those reported by…”.

Line 396, comma missing after S. aureus and between the name E. coli. Remove space between E. coli and the comma.

Line 397, add “that”: “In addition, we found that the crude…”.

Line 404, change phrase to: “but in contrast with the previous report that the ethanol extract of this plant’s leaves also inhibited M. luteus, S. aureus and B. subtilis, this was not observed in the present study.

Line 414, change “cytotoxicity” for “cytotoxic”, since the authors are talking about activities.
Line 419, punctuation missing: “…component(s). This work…”.
Line 420, change “applied” for “used”, “employed” or other similar word.
Line 505, punctuation missing at the end of the title.
Line 538, authors initials. Missing “:” at the end of the authors list.
Line 549, scientific names in italics: Zingiber officinale.
Line 565, authors initials without punctuation. Remove extra space at the end of the authors list.
Line 567, authors name initials.

Table 1
1) Title last column, change “Extract yield in percent (%)” for “Extract yield (%)”;
also for the continuation of the table.
2) In the Traditional uses of Acanthus ebracteatus Vahl, add space before “snake”.
3) In the Traditional uses of Clerodendrum inerme Gaertn, add space before “stomach pains”.

Table 2
1) Specify the meaning of the values in bold font.

Table 3
1) Change “Chloremphenical” for “Chloramphenicol”.  
2) Change MIC units “ug/mL” for “µg/mL” (micrograms per mL).
3) Change footnote “No detected inhibitory activity” for “No inhibitory activity detected”.

Level of interest: An article of importance in its field

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.