Reviewer’s report

Title: Control of the growth of human breast cancer cells in culture by manipulation of arachidonate metabolism

Version: 3  Date: 26 January 2007
Reviewer: Robert Newman

Reviewer’s report:

General

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached) The authors used a general measure of inhibition of lipoxygenase activity and then imply that this is due to inhibition of 5-lipoxygenase. They should explain why they didn't use an assay that specifically measured inhibition of 5-LOX or which measured the enzymatic product of 5-LOX, namely 5-HETE. 
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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct) While at first the revised manuscript is better ...in that it is more focused I stopped my review when it became apparent that many of the figures had two separate figure numbers on them. Some of them (Figure numbers) are in black at the top of the figure but many also have different figure numbers on the bottom in red.

You misspell "curcumin". It does not have an "e" on the end of the word. [Figure 3 which is also labelled as Figure 6]
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Discretionary Revisions (which the author can choose to ignore)

What next?: Unable to decide on acceptance or rejection until the authors have responded to the major compulsory revisions

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.