Reviewer's report

Title: A synergistic antiproliferation effect of curcumin and docosahexaenoic acid in SK-BR-3 breast cancer cells: unique signaling not explained by the effects of either compound alone.

Version: 3 Date: 28 February 2011

Reviewer: Farhad Vesuna

Reviewer's report:

This work by Altenburg et al, describes the synergistic anti-proliferation effect of curcumin and DHA on SK-BR-3 cells. Though the results are based on one cell line, they are worth pursuing further both in vitro and in vivo with more cell lines. The authors have satisfactorily addressed most of this reviewers queries. It would be interesting to observe the effects of these compounds on other breast cancer cells in vivo, studies which are currently underway in the Siddiqui laboratory.

Discretionary revision: Please change antiproliferation to anti-proliferation.

Level of interest: An article whose findings are important to those with closely related research interests

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.