Reviewer's report

Title: Gallotannin-rich Caesalpinia spinosa fraction decreases the primary tumor and factors associated with poor prognosis in a murine breast cancer model

Version: 4 Date: 7 January 2013

Reviewer: Kent Hunter

Reviewer's report:

This manuscript is a revised version of a submission describing the use of Caesalpinia spinosa extracts for the potential treatment of breast cancer. The investigators have used the 4T1 model of breast cancer to test this extract and have demonstrated a suppression of tumor growth. In addition the investigators have demonstrated that this may result from the alteration of IL-6 levels systemically, and speculate that there may be an important local effect.

Overall the manuscript is an improvement over the previous version. there are however still some improvements in language that would be helpful:

Top of page 10, the authors state that the process "has a time frame". It is not clear what the authors are suggesting. Please clarify

Page 11, the authors still are using the phrase "mice mammary fat pads", rather than "mouse mammary fat pad"

Page 11, the authors use state " may have been entailed in..." please clarify

Page 12 "refringent" should perhaps be "refractory"

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:

No competing interests