Author's response to reviews

Title: Induction of Apoptosis in Estrogen Receptor-Negative Breast Cancer, MDA-MB231 Cells, by Ethanolic Mango Seed Extract through Mitochondrial Cytochrome C Release

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Author's response to reviews:

Dear Editor,

Thank you for the comments on our manuscript. We have reviewed the manuscript as follows:

- Please provide details in your Methods section on who undertook the formal identification of the plant material used in your study. Please also confirm whether a voucher specimen of this material has been deposited in a publicly available herbarium, and include this information in your manuscript. A deposition number should be included, if available.

Response: This information is now added in the manuscript (Lines 100-103).

- We note that your study is very similar to a previous publication by yourselves in BMC Complementary and Alternative Medicine in July of this year. Could we therefore ask you to please clarify the advance presented by your current submission over this previous work?

Response: In the earlier paper published by us in your journal, we described the cytotoxicity of the Mango kernel extract on breast cancer cells, basically showing that the extract kills cancer cells by the number of cells that died in our assays, and the likely bioactives responsible for causing cellular death. In the present manuscript, we provide additional details on the effect of the extract on apoptotic mechanisms in the breast cancer cell. The results in this manuscript complement those of the earlier paper by demonstrating that the mechanism by which the extract causes death of breast cancer cells is through apoptosis, not other unwanted mechanisms of cellular death like necrosis.