Reviewer's report

Title: Tamoxifen and the Raloxifene Analog LY117018: Their Effects on Arachidonic Acid Release From Cells in Culture and on Prostaglandin I2 Production by Rat Liver Cells

Version: 1 Date: 12 April 2004

Reviewer: Basil Rigas

Reviewer's report:

General
This is a very interesting paper by an author who has advanced the fascinating concept that chemoprevention of cancer may be mediated by their ability to release arachidonic acid from their storage molecules in cell membranes. The author has studied in sufficient detail the release of arachidonic acid by tamoxifen and an analog of raloxifen, both of which prevent breast cancer. This well-done work raises intriguing questions about the biological role of the released arachidonic acid and its interactions with signaling and other pathways that determine the fate of the cancer cell.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

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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)

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Discretionary Revisions (which the author can choose to ignore)

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What next?: Accept without revision

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No

Declaration of competing interests:

None