Reviewer's report

Title: Mitochondria-targeted chromanol inhibits breast cancer cell energy metabolism and promotes cell death

Version: 3 Date: 20 May 2013

Reviewer: Warren Ladiges

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1. Major Compulsory Revision

One concern is the lack of data on the effects of the two compounds on normal cells. This should be emphasized, and a more rigorous comparison of the MCF-10A breast epithelial cell line with normal primary cells needs to be made. A similar concern is the absence of any discussion on the effect of the two compounds on activated stromal cells. Stromal cells play an active role in promoting cancer cell progression, but may respond differently to mitochondrial targeted compounds than tumor cells or normal epithelial cells. The Discussion Section needs a paragraph to discuss this in relation to the data presented.

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