

CORRECTION

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Correction to: Buthionine sulfoximine sensitizes antihormone-resistant human breast cancer cells to estrogen-induced apoptosis

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Correction

F3 F5

After the publication of this work [1] an error was noticed in Fig. 3a and Fig. 5a. In Fig. 3a, the TUNEL staining image for the E2-treated MCF-7:2A cells was accidentally duplicated for the image for the BSO-treated MCF-7:2A cells. We have repeated this experiment using the Click-it-TUNEL kit under the same conditions previously described in our original publication [1] and our results are consistent. Our revised Fig. 3a showed that BSO treatment significantly enhanced E2-induced apoptosis in anti-hormone-resistant MCF-7:2A breast cancer cells compared to E2 or BSO treatment alone, however, in wild-type MCF-7 cells BSO treatment did not significantly alter the growth of these cells either alone or in combination with E2. The corrected Fig. 3a is shown below. Similarly, we also noticed an error in the Western blot shown in Fig. 5a. Specifically, there was a duplication of the phospho-JNK blot for the MCF-7 cells and MCF-7:2A cells for the control, E2, and BSO-treated groups (top blot). To correct this error, we repeated this experiment using the same conditions described in our original publication [1] and the revised Fig. 5a is shown below. We found that BSO combined with E2 dramatically increased phospho-JNK, phospho-c-Jun, and c-Jun expression in MCF-7:2A cells but not in wild-type MCF-7 cells which is consistent with our previous findings in our original publication [1]. Our revisions validate our previous findings and are consistent with the conclusions stated in our original publication. We apologize for these two errors.

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1. Lewis-Wambi JS, Kim HR, Wambi C, Patel R, Pyle JR, Klein-Szanto AJ, Jordan VC. Buthionine sulfoximine sensitizes antihormone-resistant human breast cancer cells to estrogen-induced apoptosis. *Breast Cancer Res.* 2008;10:R104.

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