CORRECTION

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Correction: Andrographolide inhibits breast cancer through suppressing COX-2 expression and angiogenesis via inactivation of p300 signaling and VEGF pathway

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Following publication of the original article [1], errors were found in Figs. 6 and 8. The band of β -actin in Fig. 6B (Basal) and the band of CD31 in Fig. 8F were mistakenly uploaded.

The corrected figures are provided below:

The corrections do not affect the overall result, discussion, or conclusion of the article.

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The original article can be found online at https://doi.org/10.1186/s13046-018-0926-9.

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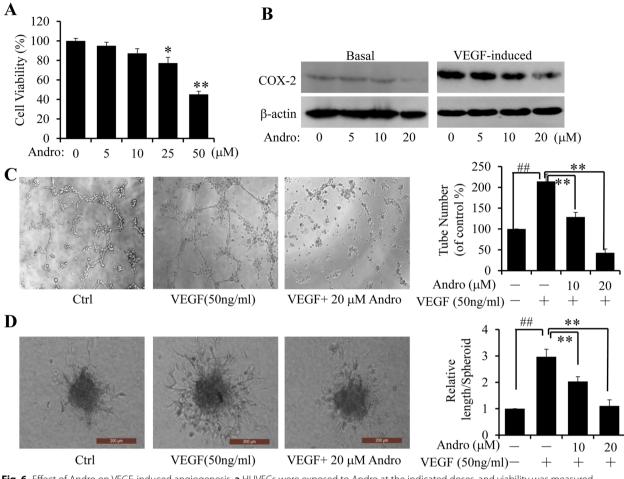


Fig. 6 Effect of Andro on VEGF-induced angiogenesis. **a** HUVECs were exposed to Andro at the indicated doses, and viability was measured by CCK-8 assay. Data were represented as percentage of vehicle-treated control. **b** The expression level of COX-2 protein was analyzed by Western blot HUVECs treated with the indicated doses of Andro for 48 h, with or without VEGF induction. **c-d** Effects of Andro on tube formation on Matrigel c at 6 h (Original magnification, $50 \times$), and sprouting from modifed human endothelial cell spheroids **d** at 24 h (Original magnification, $200 \times$). Experiments were performed with or without VEGF and indicated Andro doses. (##p < 0.01, VEGF-treated group vs. Solvent; *p < 0.05, **p < 0.01, Andro treatment vs vehicle control groups)

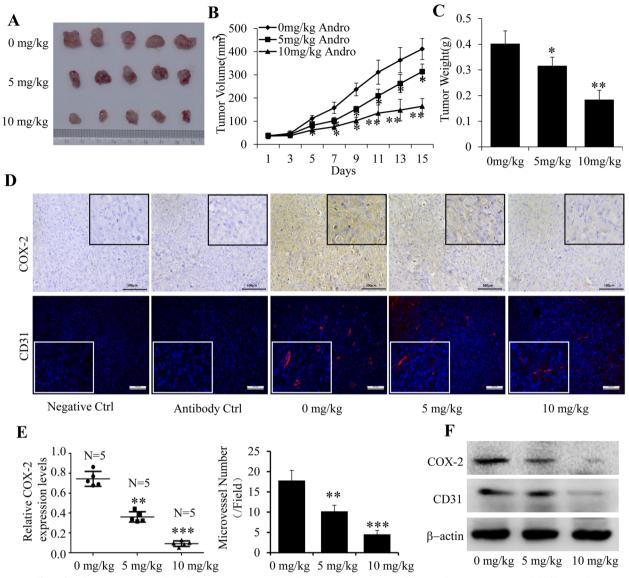


Fig. 8 Effect of Andro on tumor growth and tumor angiogenesis in a breast cancer mouse model. An orthotopic mouse model of human breast cancer MDA-MB-231 cells was used to evaluate the anti-tumor effect of Andro. The tumor pictures (**a**), tumor volumes (**b**) and total weights (**c**) were measured. d The expressions of COX-2 and CD31 in tumor samples were analyzed by immunohistochemistry and cofocol immunofluorescence, respectively. **e** The quantitative analysis of relative COX-2 expression and microvessel number were also performed. **f** The expression of COX-2 and CD31 proteins in tumor tissues was analyzed by Western blot. Data were represented as the mean \pm S.D. (**P* < 0.05, ***P* < 0.01, Andro treatment vs vehicle control groups, *N* = 5 mice/group. Magnification, 200 ×)

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