

RETRACTION NOTE

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Retraction Note: Astragalus saponins affect proliferation, invasion and apoptosis of gastric cancer BGC-823 cells

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Retraction

This article has been retracted by the authors [1] because large portions of text have been duplicated from a number of previously published articles, including Tin et al., 2007 [2] and Auyeung et al., 2009 [3]. All authors agree with the retraction.

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References

1. Wang T, Xuan X, Li M, Gao P, Zheng Y, Zang W, Zhao G. Astragalus saponins affect proliferation, invasion and apoptosis of gastric cancer BGC-823 cells. *Diagn Pathol.* 2013;8:179.
2. Tin MM, Cho CH, Chan K, James AE, Ko JK. Astragalus saponins induce growth inhibition and apoptosis in human colon cancer cells and tumor xenograft. *Carcinogenesis.* 2007;28(6):1347–55.
3. Auyeung KK, Cho CH, Ko JK. A novel anticancer effect of Astragalus saponins: transcriptional activation of NSAID-activated gene. *Int J Cancer.* 2009;125(5):1082–91.

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