RETRACTION NOTE

Retraction Note: MicroRNA-23a enhances migration and invasion through PTEN in osteosarcoma

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Retraction to: *Cancer Gene Ther* <https://doi.org/10.1038/cgt.2015.27>, published online 10 July 2015

The Editor-in-Chief has retracted this article because it shows significant overlap with a number of previously published articles by different authors [1, 2] and articles by different authors that were simultaneously under consideration [3, 4]. There are also concerns with a number of figures, specifically:

- Figure 1B: these two mice appear to be identical to the two mice in Figure 1B of [1];
- Figure 1D: the two panels appear to be identical to Figures 5A and 5B of [1];
- Figure 1E: The two panels appear to be identical to Figures 5C and 5E of [1];
- Figure 2C appears to be identical to Figures 2C and 2B of [1];
- Figure 2D: multiple bands appear to be identical to the bands in Figure 2D of [1];
- Figure 2F: the western blots appear to be identical to Figure 2B of [1];
- Figure 2G: multiple bands appear to be identical to the bands in Figure 2C of [1];
- Figure 3a appears to be identical to Figure 5 of [2];
- Figure 3b appears to be identical to Figure 4A of [2];
- Figure 3d appears to be identical to Figure 4C or [2];
- Figure 4 appears to be identical to Figure 3 of [2].
- Figure 5B: the tumors appear to be identical to tumors appearing in Figure 7B of [1];
- Figure 5C appears to be identical to the upper row and bottom row of figures in Figure 5D of [1];

Additionally, the article states that this study was approved was by the Animal Care Committee of Xinxiang Medical University, but none of the authors are affiliated with that institution. The Editor-in-Chief therefore no longer has confidence in the reliability of the article.

The authors have not responded to correspondence regarding this retraction.

REFERENCES

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2. Sun Z, Meng C, Wang S. et al. MicroRNA-1246 enhances migration and invasion through CADM1 in hepatocellular carcinoma. *BMC Cancer.* 2014;14:616. <https://doi.org/10.1186/1471-2407-14-616>.
3. Yang Z, Wang R, Zhang T, Dong X. MicroRNA-126 regulates migration and invasion of gastric cancer by targeting CADM1. *Int J Clin Exp Pathol.* 2015;8:8869–80.
4. Ruoming W, Zhen Y, Teng Z. et al. RETRACTED ARTICLE: Tumor suppressor microRNA-31 inhibits gastric carcinogenesis by targeting Smad4 and SGPP2. *Cancer Gene Ther.* 2015;22:564–72. <https://doi.org/10.1038/cgt.2015.41>.

ADDITIONAL INFORMATION

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