Erratum to miR-3614-3p suppresses cell aggressiveness of human breast cancer by targeting AKT3 and HDAC1 expression

Editorial Office

Translated Cancer Research

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Submitted Dec 02, 2022. Accepted for publication Mar 29, 2023. Published online Apr 26, 2023.
doi: 10.21037/tcr-23-674

View this article at: https://dx.doi.org/10.21037/tcr-23-674

Erratum to: Transl Cancer Res 2022;11:1565-75

In the June 2022 issue of Translational Cancer Research, the paper titled “miR-3614-3p suppresses cell aggressiveness of human breast cancer by targeting AKT3 and HDAC1 expression” (Transl Cancer Res 2022;11:1565-75. doi: 10.21037/tcr-21-2419) (1), was published with some errors in Figure 1C and Figure 5C. When editing PDF image file, the authors mistakenly placed the image from the miR-Vector group in the Ctrl group in Figure 1C; and placed the image from the Ctrl group in the Scrambler group in Figure 5C. The figure legends remain intact.
The whole Figure 1 should be corrected as:

**Figure 1** Ectopic expression of miR-3614-3p ameliorates BC migration and invasion *in vitro*. (A) miR-3614-3p was assessed in MCF-7 and MDA-MB-231 cells after transfection with miR-3614 expression vector and anti-miR-3614. (B) Wound-healing assays showed that miR-3614-3p depressed cell migration. Images were captured at 0, 24 and 48 hours after scratching. (C) Transwell assays (magnification 200×) showed that miR-3614-3p depressed cell metastasis (stained in 0.1% crystal violet for 15 min; upper panel: migration assays; lower panel: invasion assays). Scale bars =100 µm. Experiments were repeated at least 6 times with similar results, and error bars represent mean ± SD. *P<0.05, **P<0.01, ***P<0.001. BC, breast cancer.
The whole Figure 5 should be corrected as:

Figure 5. AKT3 and HDAC1 are the functional mediators downstream of miR-3614-3p in BC cells. (A) qRT-PCR and western blot were performed to examine the expression of AKT3 and HDAC1 after transfection with AKT3/HDAC1 siRNA. (B) Wound-healing assays showed that si-AKT3/HDAC1 depressed cell migration, images were captured at 0, 24 and 48 hours after scratching. (C) Transwell assays (magnification 200×) showed that si-AKT3/HDAC1 depressed cell metastasis (stained in 0.1% crystal violet for 15 min; upper panel: migration assays; low panel: invasion assays). Scale bars =100 µm, Experiments were repeated at least 6 times with similar results, and error bars represent ± SD. *P <0.05, **P<0.01, ***P<0.001. qRT-PCR, quantitative real-time PCR; siRNA, silent interfering RNA; BC, breast cancer.
The authors confirmed that these corrections do not change the description or original conclusions of the paper and sincerely apologize for any inconvenience caused by these mistakes.

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References

1. Wang Z, Jing X, Li F, et al. miR-3614-3p suppresses cell aggressiveness of human breast cancer by targeting AKT3 and HDAC1 expression. Transl Cancer Res 2022;11:1565-75.

Cite this article as: Editorial Office. Erratum to miR-3614-3p suppresses cell aggressiveness of human breast cancer by targeting AKT3 and HDAC1 expression. Transl Cancer Res 2023;12(5):1372-1375. doi: 10.21037/tcr-23-674