Erratum

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

Editorial Office

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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:

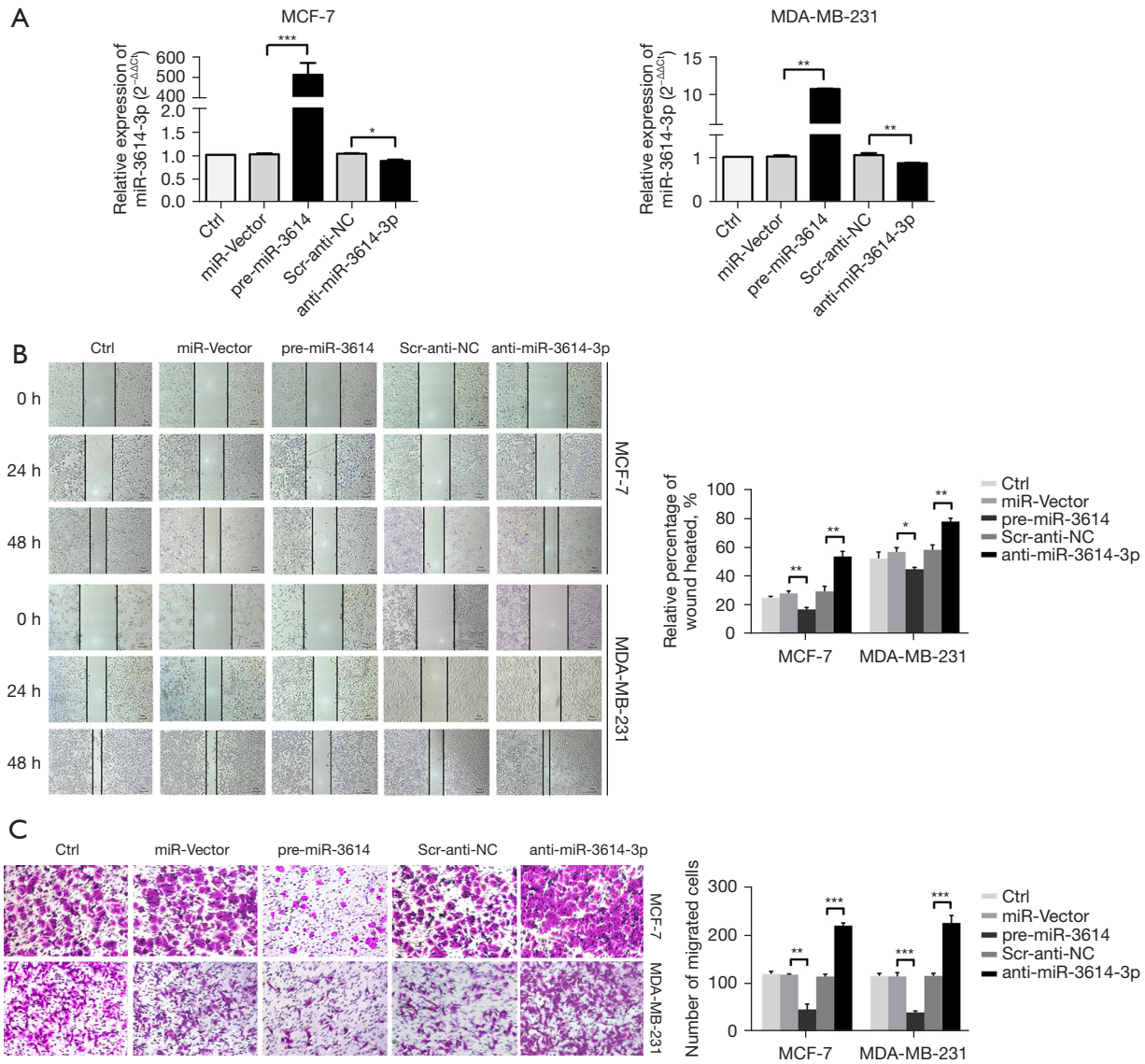

Figure 1 Ectopic expression of miR-3614-3p ameliorates BC migration and invasion *in vitro*. (A) miR-3614-3p was assessed in MCF-7 and MDA-MB-231 cells after transfection with miR-3614 expression vector and anti-miR-3614. (B) Wound-healing assays showed that miR-3614-3p depressed cell migration. Images 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:

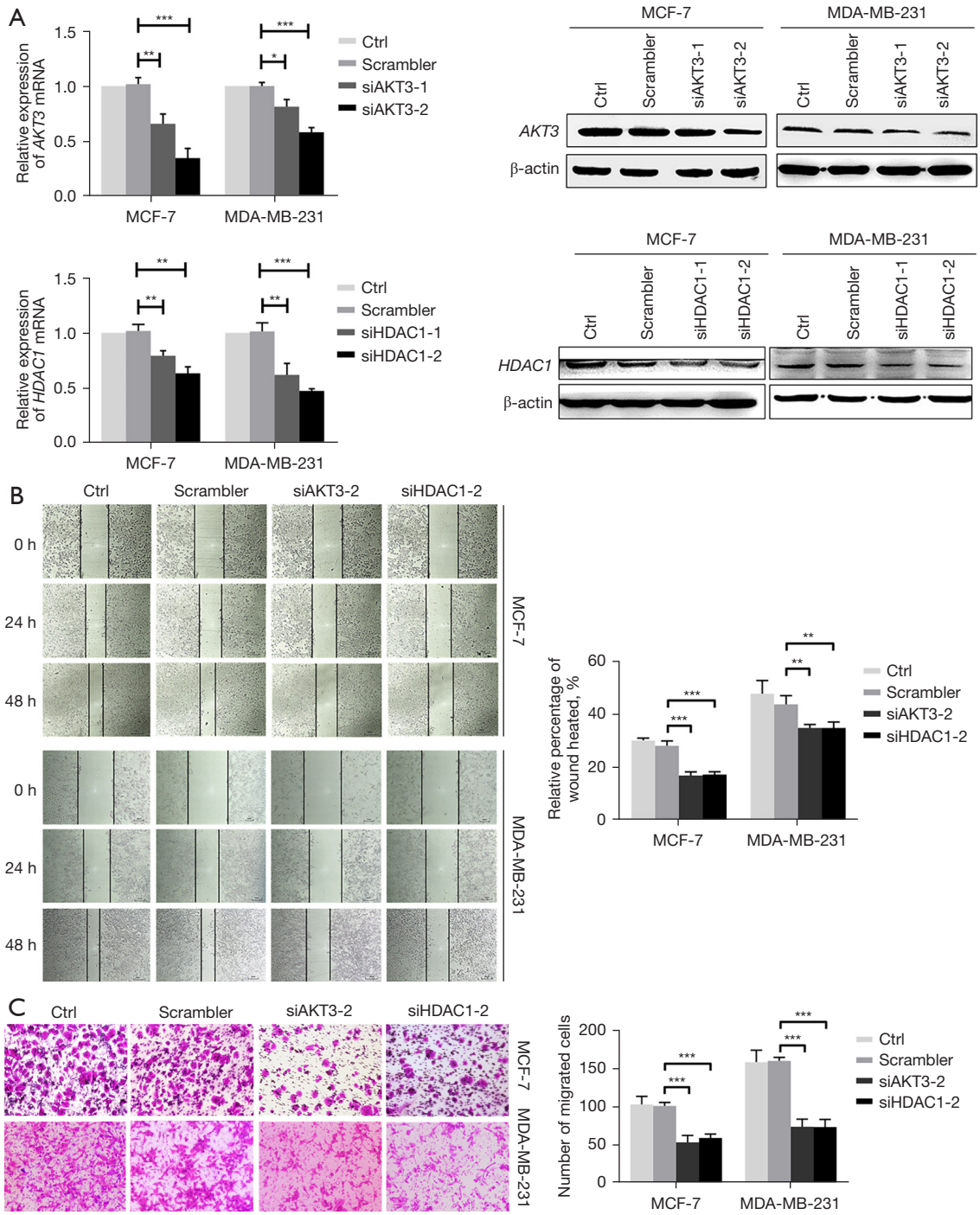

Figure 5 *AKT3* and *HDAC1* are the functional mediators downstream of miR-3614-3p in BC cells. (A) qRT-PCR and western blot were performed to examine the expression of *AKT3* and *HDAC1* after transfection with *AKT3/HDAC1* siRNA. (B) Wound-healing assays showed that *si-AKT3/HDAC1* depressed cell migration, images were captured at 0, 24 and 48 hours after scratching. (C) Transwell assays (magnification 200×) showed that si-*AKT3/HDAC*1 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.

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