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Erratum
ATR inhibition sensitizes liposarcoma to doxorubicin by increasing DNA damage: Am J Cancer Res. 2022; 12(4): 1577-1592

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In this article, we noticed there were two errors in our above published paper. The first error was that in **Figure 1A** the image score of 0 was inadvertently duplicated with the image score of 4+ during manuscript preparation. Secondly, **Figure 2C** was inadvertently duplicated with Figure 3C during manuscript preparation. We have found original images of this study and have corrected the errors in the low p-ATR expression group with a staining score of 0 in **Figure 1A** and sw872 NS siRNA 60 nM and ATR siRNA 30 nM in **Figure 2C**. We apologize for this carelessness. We confirm that these two errors do not affect any analysis or conclusion in our paper.

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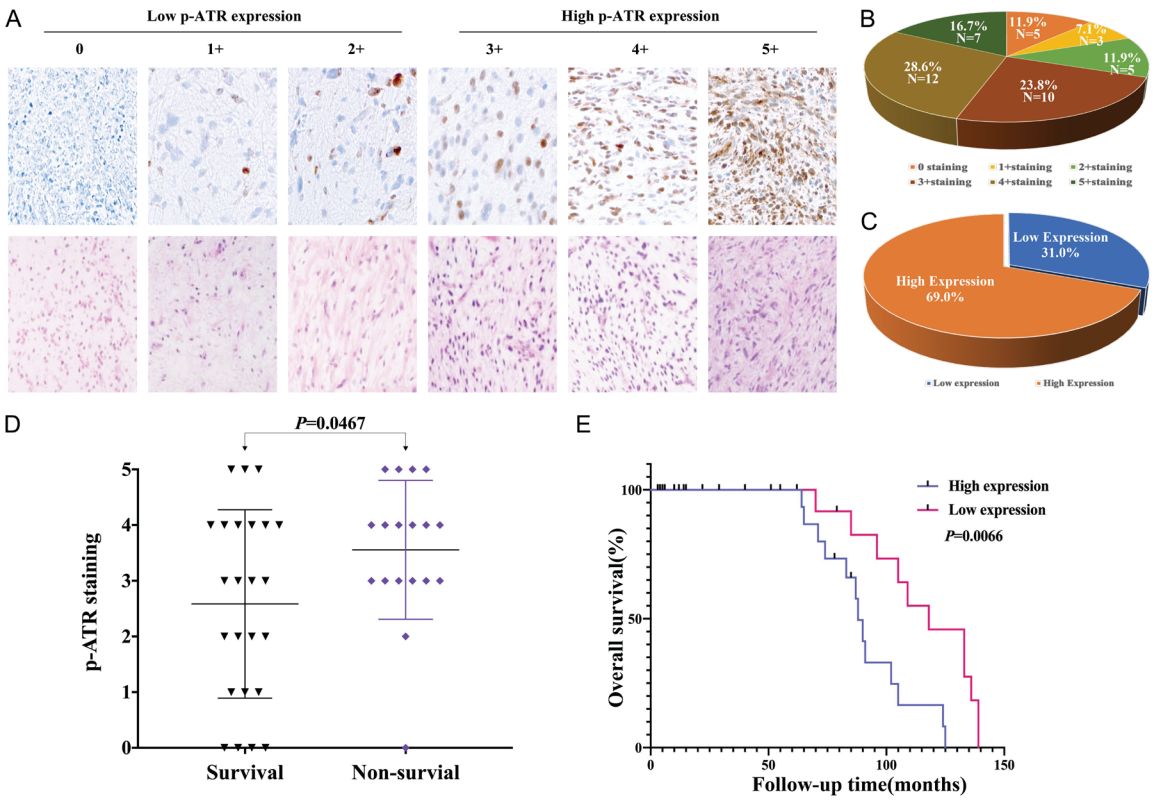

Figure 1. P-ATR is overexpressed in liposarcoma and correlates with poor patient prognosis. A. Representative images of p-ATR staining along with hematoxylin and eosin (HE) staining in liposarcoma tissues. P-ATR staining intensity patterns were divided into 6 groups: no staining (0); <10% positive cells (1+); 10-25% positive cells (2+); 26-50% positive cells (3+); 51-75% positive cells (4+); >75% positive cells (5+). B. Pie chart representing relative frequency of different p-ATR expression levels in liposarcoma TMA. C. Tumor with the staining score of ≤2+ were defined as the low p-ATR expression group (blue), ≥3+ were defined as the high p-ATR expression group (orange). Pie chart representing relative frequency of the two groups in the liposarcoma TMA. D. Comparison of p-ATR IHC staining scores between surviving and non-surviving patient groups. E. Kaplan-Meier overall-survival curve of patients with liposarcoma were sub-grouped as either p-ATR low-expression group (staining score ≤2+) or high-expression group (staining score ≥3+). Compared with the low-expression group, the patients with high p-ATR staining had a shorter overall survival.

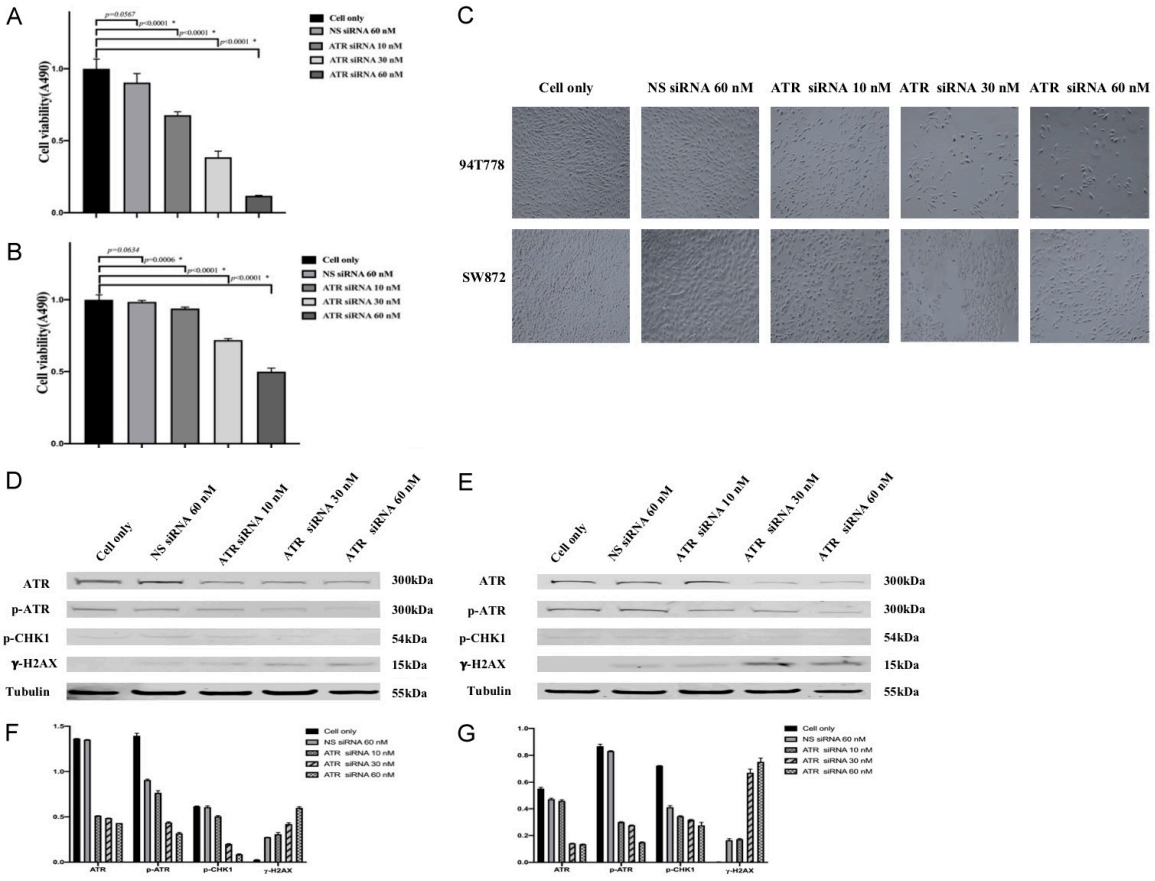

Figure 2. ATR inhibition by siRNA decreased liposarcoma cell proliferation. (A and B) Cell viability of 94T778 (A) and SW872 (B) determined by MTT assays after four days of ATR siRNA and negative control (NS) siRNA transfection. The data are presented as mean ± SE of the 2 experiments carried out in triplicate. (C) Microscopy images of morphologic changes and a reduction in cell number after 72 h of ATR siRNA transfection. (D and E) The expression of proteins ATR, p-ATR, p-CHK1, and γ-H2AX in the ATR-associated signaling pathway as measured by Western blotting in the liposarcoma cell lines 94T778 (D), and SW872 (E) after 72 h of siRNA transfection. (F and G) Semiquantitative analysis of (D and E) by densitometry relative to tubulin. The data are mean ± SE of the experiment carried out in triplicate.