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Erratum
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Erratum to "Cripto Enhances Proliferation and Survival of Mesenchymal Stem Cells by Up-Regulating JAK2/STAT3 Pathway in a GRP78-Dependent Manner" [Biomol. Ther. 26 (2018) 464-473]

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After publication of the paper "Cripto Enhances Proliferation and Survival of Mesenchymal Stem Cells by Up-Regulating JAK2/STAT3 Pathway in a GRP78-Dependent Manner" by Yun *et al*. (2018), it was noticed that paper contains errors in Fig. 2C (p-STAT3 panel) and Fig. 4E. Because of unintentional errors made during the preparation of the Figs., the authors mistakenly used the unmatched image of western blot assay. The authors wish to replace the image of western blot assay in Fig. 2C (p-STAT3 panel) and Fig. 4E.

The corrected Fig. 2C (p-STAT3 panel) and Fig. 4E are published here to avoid confusion for readers. The conclusion of the article is unaffected by the error. The authors apologize for this inadvertent error and for any inconvenience caused.

Fig. 2. (C) MSCs were pretreated with a neutralizing antibody against GRP78 (100 ng/mL) for 24 h before the treatment with 100 ng/mL Cripto for another 24 h. Total protein was extracted and immunoblotted with antibodies against phosphorylated JAK2, phosphorylated STAT3, c-Myc, and cyclin D1. Amounts of β-actin were used as internal loading controls. Panel on the right illustrates mean normalized levels (± SEM) of phosphorylated JAK2, phosphorylated STAT3, c-Myc, and cyclin D1 (n=3). Statistical significance of differences is indicated as follows: **p*<0.05, ***p*<0.01 vs. control, $^{\#}p$<0.05, $^{\#\#}p$<0.01 vs. Cripto alone.

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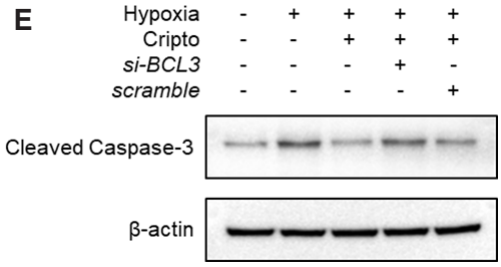

Fig. 4. (D, E) MSCs were transfected with BCL3 siRNA for 24 h followed by the treatment with 100 ng/mL Cripto for 24 h, and then exposed to 200 μM H_2O_2 for 6 h or hypoxic condition for 96 h. Total protein was extracted and immunoblotted with an antibody against caspase-3. Amounts of β-actin were used as internal loading controls. Lower panels in (D) and (E) indicate mean normalized levels (± SEM) of caspase-3 (n=3). Statistical significance is indicated as follows: *p<0.05, **p<0.01 vs. control, $^{\#}p$<0.05, $^{\#\#}p$<0.01 vs. H_2O_2 or hypoxia, $^{\$}p$<0.05, $^{\$\$}p$<0.01 vs. Cripto under H_2O_2 or hypoxia, $^{\&}p$<0.05, $^{\&\&}p$<0.01 vs. Cripto with BCL3 siRNA under H_2O_2 or hypoxia.

REFFERENCE

Yun, S., Yun, C. W., Lee, J. H., Kim, S. and Lee, S. H. (2018) Cripto enhances proliferation and survival of mesenchymal stem cells by up-regulating JAK2/STAT3 pathway in a GRP78-dependent manner. *Biomol. Ther. (Seoul)* **26**, 464-473.