Erratum

Erratum to protective effect of hydrogen sulfide on endothelial cells through Sirt1-FOXO1 mediated autophagy

Editorial Office

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Erratum to: Ann Transl Med 2020;8:1586

In the article entitled "Protective effect of hydrogen sulfide on endothelial cells through Sirt1-FoxO1-mediated autophagy" (1), the images of *Figure 5B* selected to represent the flow cytometric analysis of the apoptosis of HUVECs in Ox-LDL group and Ex-527 + GYY4137 + Ox-LDL group were duplicated incorrectly.

The revised version of *Figure 5*, containing the correct data for the Ex-527 + GYY4137 + Ox-LDL in *Figure 5B*, is shown below. This error did not significantly affect either the results or the conclusions of the paper.

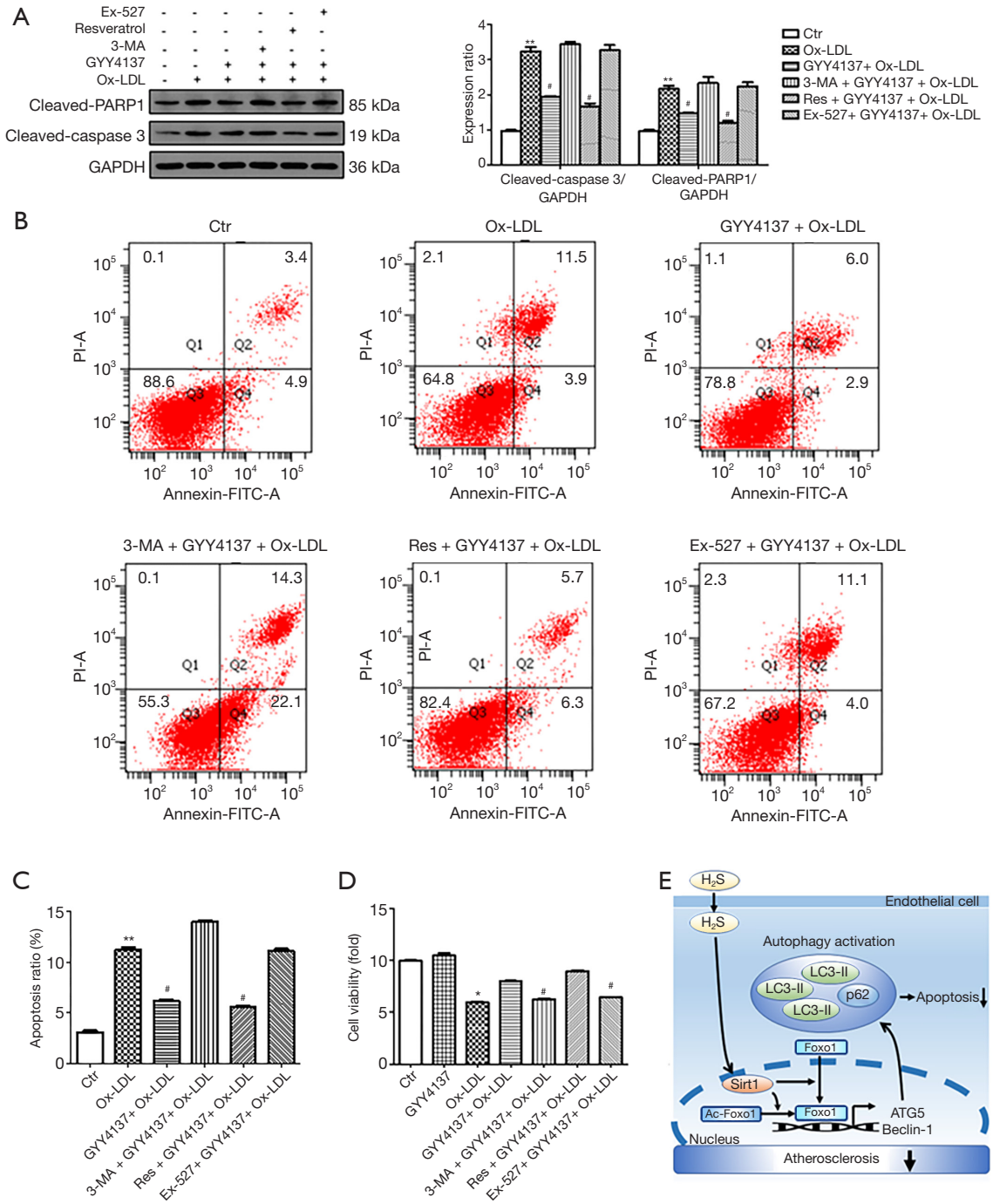

Figure 5 H_2S-induced autophagy via Sirt1 protects against Ox-LDL-induced apoptosis in HUVECs. HUVECs were pre-treated with or without 3-MA, resveratrol, Ex-527, and GYY4137 for the indicated times followed by treatment with Ox-LDL. (A) Immunoblot analyses showing cleaved-caspase-3 and cleaved-PARP. Expression in control (Ctr) group cells was assigned a value of 1, n≥3. **P<0.01 versus Ctr, #P<0.05 versus Ox-LDL. (B,C) Flow cytometric analysis to detect the apoptosis of HUVECs. n≥3. **P<0.01 versus Ctr, #P<0.05 versus Ox-LDL. (D) Cell viability was measured using the CCK-8 assay. Cell viability in control (Ctr) group was assigned a value of 1, n=6. *P<0.01 versus Ctr, #P<0.05 versus Ox-LDL. Data are expressed as the mean ± SEM. (E) Schematic representation of the effects and mechanisms of H_2S on autophagy and apoptosis in HUVECs.

Click here to view the updated version of the article.

References

1. Zhu L, Duan W, Wu G, et al. Protective effect of hydrogen sulfide on endothelial cells through Sirt1-FoxO1-mediated autophagy. Ann Transl Med 2020;8:1586.

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