



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

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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.

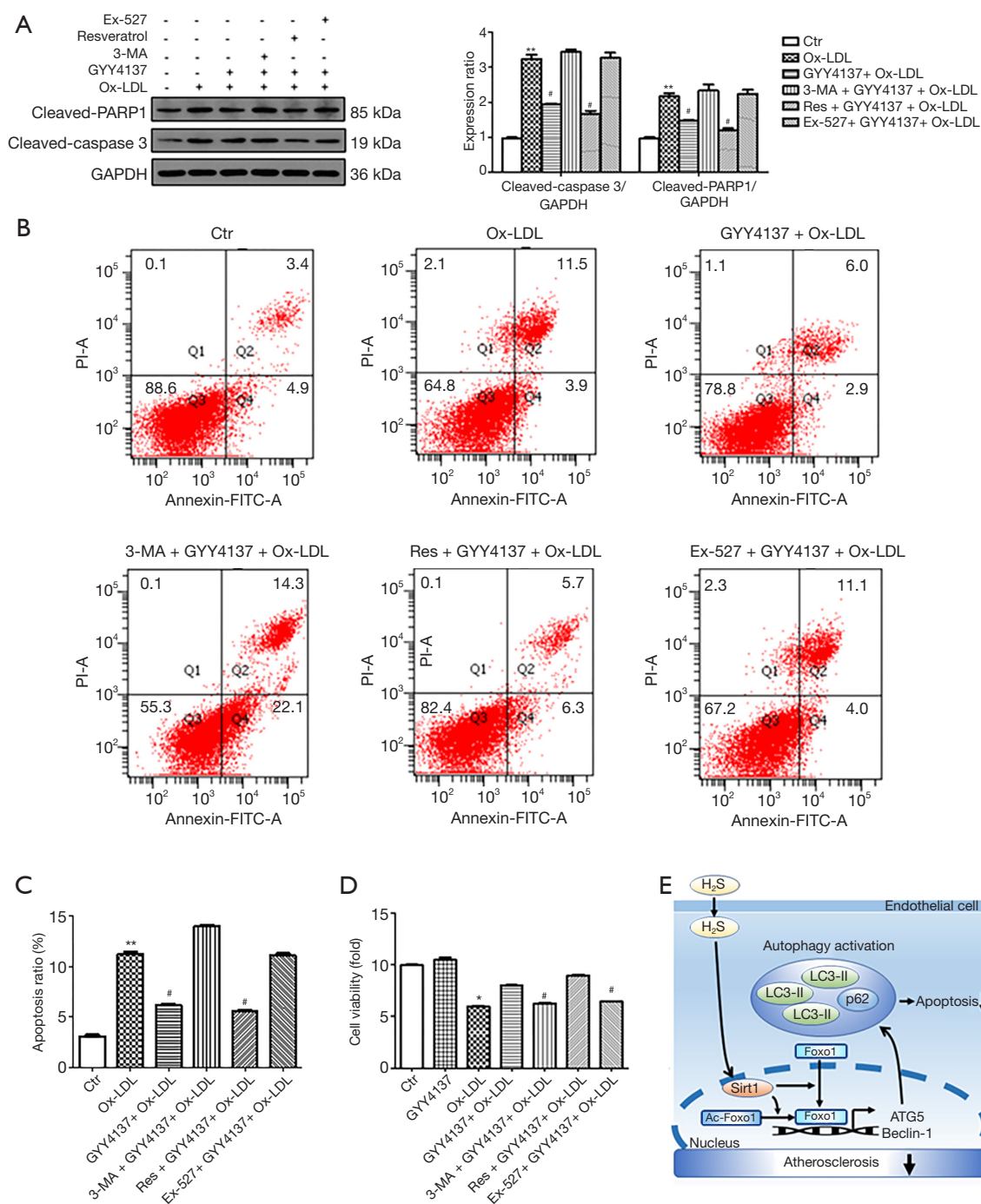


Figure 5 H₂S-induced autophagy via Sirt1 protects against Ox-LDL-induced apoptosis in HUVECs. HUVECs were pre-treated with or without 3-MA, resveratrol, Ex-527, and GYY4137 for the indicated times followed by treatment with Ox-LDL. (A) Immunoblot analyses showing cleaved-caspase-3 and cleaved-PARP. Expression in control (Ctr) group cells was assigned a value of 1, $n \geq 3$. ** $P < 0.01$ versus Ctr, # $P < 0.05$ versus Ox-LDL. (B,C) Flow cytometric analysis to detect the apoptosis of HUVECs. $n \geq 3$. ** $P < 0.01$ 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 \pm SEM. (E) Schematic representation of the effects and mechanisms of H₂S on autophagy and apoptosis in HUVECs.

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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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