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**ACCEPTED MANUSCRIPT** 

Loss of histone deacetylase 2 inhibits oxidative stress induced by high

glucose via the HO-1/SIRT1 pathway in endothelial progenitor cells

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**Abbreviation** 

DFU, diabetic foot ulcer; EPC, endothelial progenitor cells; HDAC2, histone deacetylase 2; ROS,

reactive oxygen species; HO-1, home oxygenase; VEGF, vascular endothelial growth factor;

IGF-1, insulin-like growth factor-1; FBS, fetal bovine serum.

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