

Supplementary Materials: Mesenchymal Stem Cells Ameliorated Glucolipotoxicity in HUVECs through TSG-6

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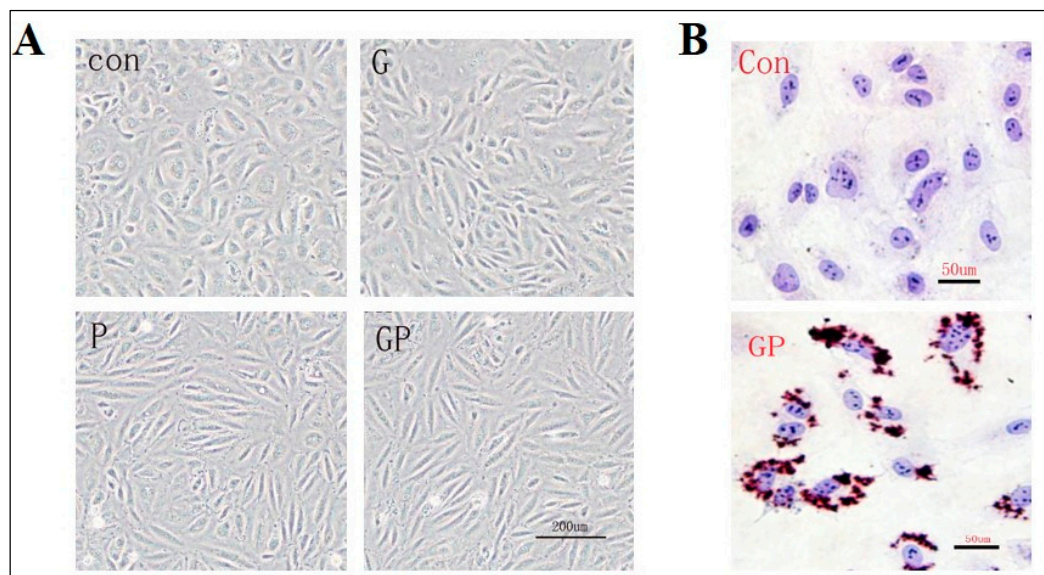


Figure S1. The morphology changes (A) and intracellular lipid droplets (B) of high glucose and palmitic acid treated HUVECs in 24 h.

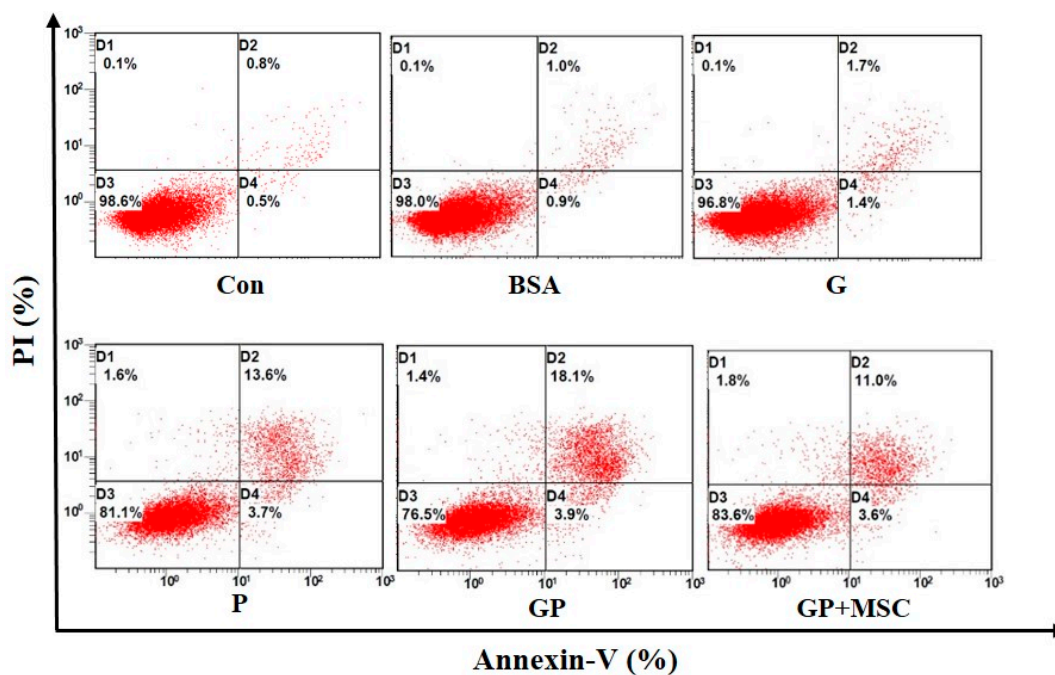


Figure S2. High glucose and palmitic acid induced apoptosis of HUVECs in 48 h. PI: propidium iodide.

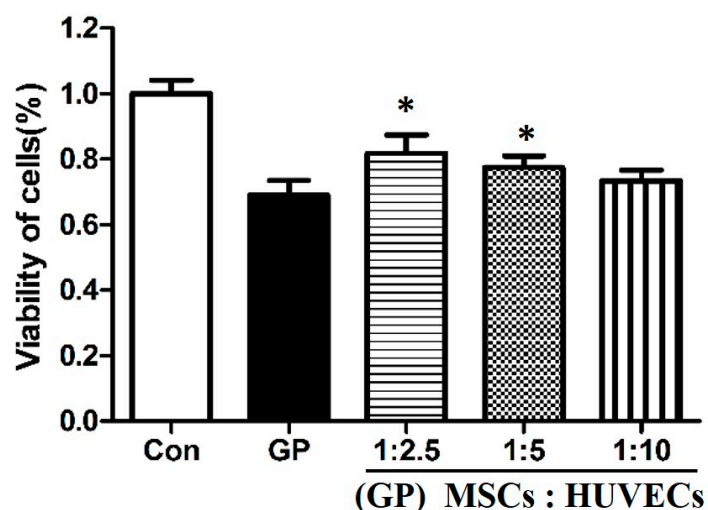


Figure S3. The effect of different ratios of MSCs to HUVECs on cell viability in 48 h. * $p < 0.05$ (GP) MSCs: HUVECs = 1:2.5 or 1:5 versus (GP) HUVECs.

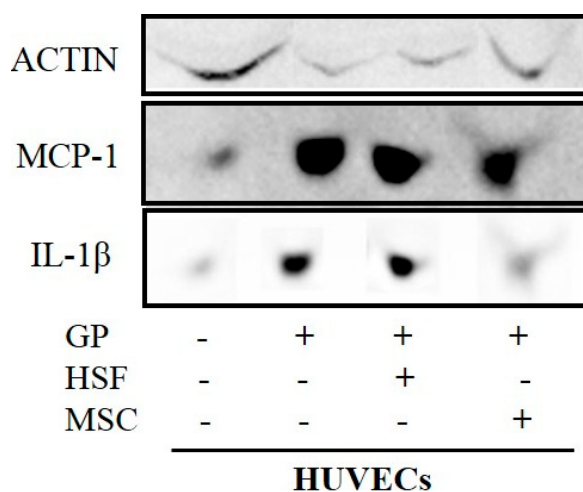


Figure S4. The effect of MSCs on inflammation factors protein levels in 48 h.

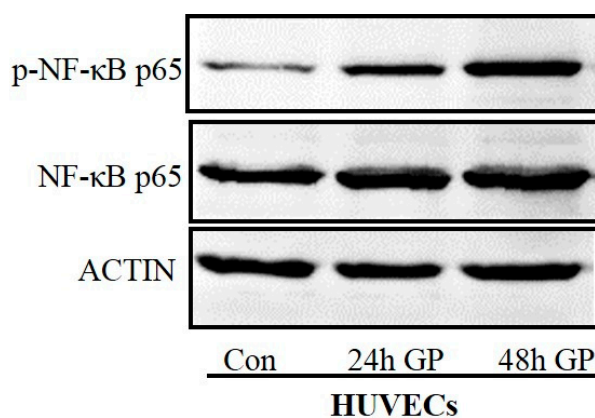


Figure S5. High glucose and palmitic acid increased phosphorylation of NF-κB p65 (p-NF-κB p65) in HUVECs.

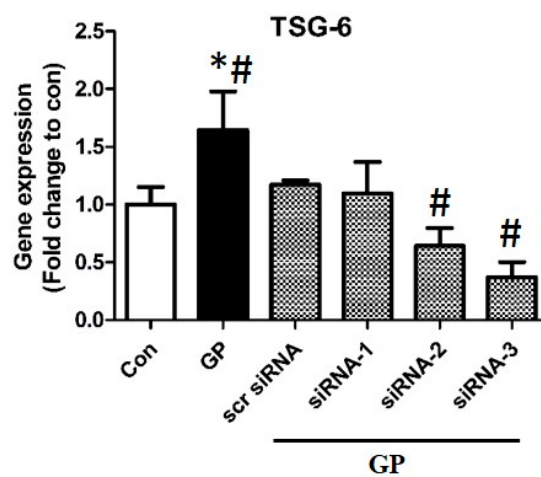


Figure S6. TSG-6 small interfering RNAs (siRNAs) transfection of MSCs. * $p < 0.05$ GP versus Con, # $p < 0.05$ GP versus siRNA-2(GP) or siRNA-3(GP).