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Potential role of heme metabolism in the inducible expression of heme oxygenase-1

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Abbreviations: HO, heme oxygenase; MARE, Maf recognition element; HRI, heme-regulated inhibitor; eIF2 α , eukaryotic initiation factor 2 α ; FECH, ferrochelatase; ALA, 5-aminolevulinic acid; ALAS1, ALA synthase-1; SA, succinylacetone; CoPP, Co-protoporphyrin; SnPP, Sn-protoporphyrin; ZnPP, Zn-protoporphyrin; FCS, fetal calf serum; PBS, phosphate-buffered saline; DMEM, Dulbecco's modified Eagle's medium; FCS, fetal calf serum; MTT, 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide; SDS-PAGE, sodium dodecylsulfate-polyacrylamide gel electrophoresis; PVDF, poly (vinylidene difluoride); CMH₂DCFDA, 5-(and-6)chloromethyl-2',7'-dichlorodihydrofluorescein diacetate; DFO, desferrioxamine; BSA, bovine serum albumin; *N*-MePP, *N*-methyl protoporphyrin; CHIP, chromatin immunoprecipitation; ROS, reactive oxygen species; NAC, *N*-acetylcysteine.

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