



SUPPLEMENTARY FIG. S4. Effects of HO-1 reaction products on expression of HIF-1 α -dependent VEGF expression and *in vitro* angiogenesis. HUVECs were treated with 50 μ M of CORM-2 (a carbon monoxide-releasing compound), biliverdin (BV), bilirubin (BR), or FeCl₂. **(A)** After 12 h, the protein levels of HIF-1 α (and VEGF) were determined by Western blot analysis. **(B)** Tube formation of ECs on Matrigel was observed by phase-contrast microscopy. EC, endothelial cell; HIF-1 α , hypoxia-inducible factor-1 α ; VEGF, vascular endothelial growth factor.