



Figure S1. Hemin treatment leads to increased pulmonary artery endothelial cell proliferation at specific concentrations. **(A)** Plot depicting absorbance related to WST-1 assay as a measure of cellular proliferation in HPAECs treated for 24-hour duration with hemin at 1 μ M, 3 μ M, 5 μ M, 7 μ M, and 10 μ M compared to PBS vehicle, $n = 3$. **(B)** Western blot image denoting PCNA protein expression, a marker of cell proliferation, measured between HPAECs treated with hemin 5 μ M, 10 μ M, and 20 μ M compared to PBS vehicle for 24 hours; $n = 1$. **(C)** Bar graph summarizing relative PCNA protein expression across the experiment. PCNA indicates proliferating cell nuclear antigen.