



Supplemental Figure 1 : (A) Cytostatic effects of exogenous H₂O₂ on non-transformed human umbilical vein endothelial cells in vitro. Briefly, 5x10⁴ cells/well were seeded in 96-well plates in culture medium supplemented or not with either NAC (400μM) or ATZ (400μM) or BSO (400μM). Serial dilutions of H₂O₂ were added to the cells for 48 hrs. The cytostatic effects of H₂O₂ were determined by thymidine incorporation. Results are expressed as % cpm ± SEM versus cells in culture medium alone. **(B)** Effects of antioxidant molecules on the in vitro proliferative rate of HUVEC non transformed cells. Cells (2 x 10⁴ cells/well) were seeded in 96-well plates and incubated for 48 hours in complete medium with ■: 50μM, ■: 100μM, ■: 200μM, ■: 400μM of pharmacological modulators of antioxidant enzymes. Cell proliferation was evaluated by thymidine incorporation. Results are expressed as % cpm ± SEM versus control cells in culture medium alone (dotted line). Data (A,B) from at least three independent experiments have been pooled.