



Supplemental Figure 4. Arsenic based protection is not dependent on protein synthesis or nitric oxide induction, and general ROS induction is not protective. (A) RAW264.7 cells were treated with variable concentrations of cycloheximide or puromycin for 1 h before incubation with NaAsO₂ (75 μM, 15 min). Cells were then challenged with LT (1 μg/mL). (B) RAW264.7 cells were treated with variable concentrations of buthionine sulfoximine or hydrogen peroxide for 16 h. Cells were then challenged with LT (1 μg/mL). (C) RAW264.7 cells were treated with various inhibitors of nitric oxide for 1 h before incubation with As₂O₃ (50 μM, 15min). Cells were then challenged with LT (1 μg/mL). In all panels, cell viability was assessed by MTT staining after 2 h of toxin treatment. Percent viability was assessed compared to untreated cells.