



Figure S. **Preliminary experiment for SB239063 dose titration.** Mice were exposed to either 1.0 ppm ozone (O₃) or filtered air (Ctrl) for three hours, in three every other days. Mice in different group (n=4) received different dose of SB239063(0.4mg/kg; 1.2mg/kg; 4.0mg/kg) or DMSO only, respectively. SB239063 were administrated by injection through tail vein 1hr before and 4hrs after O₃ exposure. 24 hrs after the last exposure mice were measured for AHR and BAL cells. A: mean percentage increase in Penh to increasing provocative concentrations of Mch. B: log provocative concentration of MCh required to increase Penh from baseline to 100% (PC₁₀₀). C: changes in total cells and differential cellularity of BAL. *:p<0.05; **:p<0.01; ***: p<0.001; n=4