



S1 Fig: LPS increases ROS in HMC3 cells. HMC3 microglial cells were treated for 12-hours with 100ng/ml LPS or vehicle (control) then labeled with CellROX green. Z-stack images obtained using fluorescence confocal microscopy were flattened to create a 3D that was analyzed in ImageJ to determine the ROS signal. A Welch's t-test conducted using R statistical software was used to determine statistically significant difference. ***: $p < 2 \times 10^{-16}$