

Supplementary Information

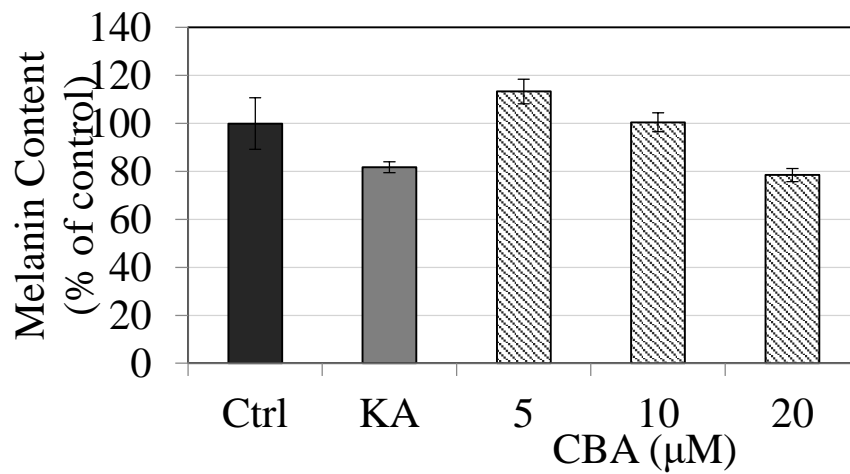


Figure S1. Basal (unstimulated) melanogenesis in B16F10 cells treated with CBA at various concentrations in 0.1% DMSO for 48 h quantitated by spectrophotometric method. Kojic acid (KA) was used as a positive control at 500 μ M. Melanin absorbance were read at 475 nm and normalized by total protein content and relative melanin contents are reported as % of control. Values are mean \pm SD of triplicate determinations.

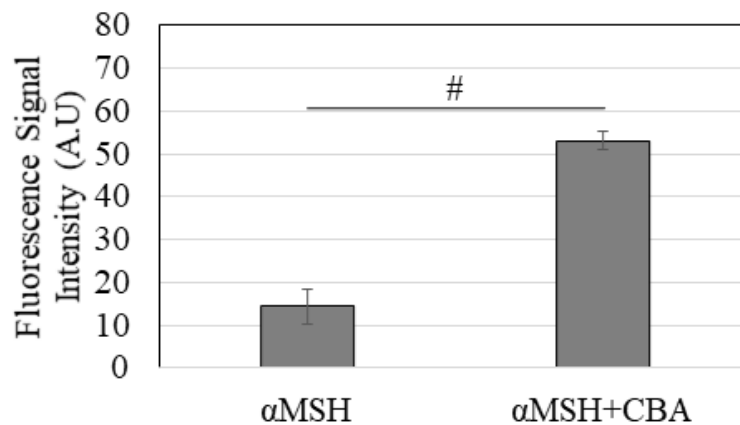


Figure S2. Quantification of Fluorescence intensity of Lysotracker red probe. Bar plot shows the α MSH groups and α MSH group treated with CBA (20 μ M). # symbol: significant as compared to α MSH ($p=0.0004$); students t-test with Welch correction. Data is mean \pm SD of 4 random microscopic field per condition; with total of at least 200 cells for each condition.