

Additional File 2

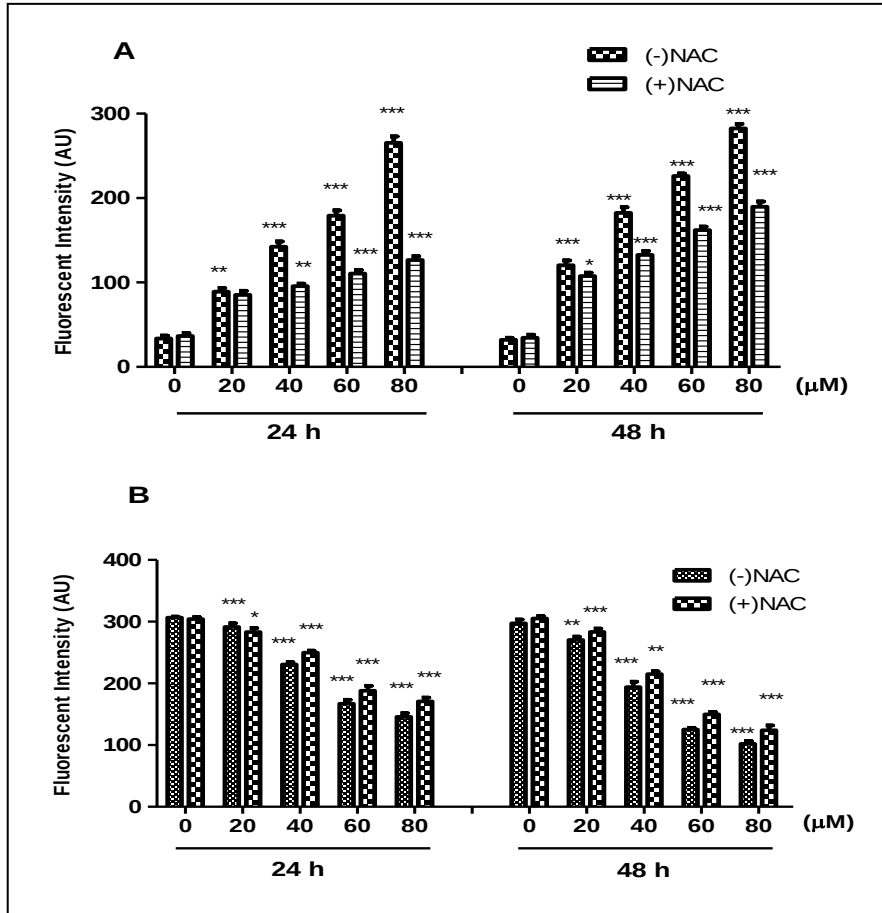


Figure S2. (A) Effect of andrographolide treatment on ROS generation in MCF-7 cells. Cells were pretreated with or without 5 mM NAC for 1 h followed by different concentrations (0, 20, 40, 60 and 80 μM) of andrographolide and incubated for the indicated times (24 h and 48 h). Intracellular ROS production was monitored by spectrofluorometer, using 2', 7'-dichlorofluorescein diacetate (DCF-DA). (B) Loss of MMP ($\Delta\psi_m$) in MCF-7 cells upon treatment with andrographolide (0-80 μM) in presence and absence of NAC. MMP was measured by spectrofluorometer using a fluorescent probe Rhodamine 123. Results shown are representative of three independent experiments. * $P < 0.05$, ** $P < 0.01$ and *** $P < 0.001$, when compared with control.