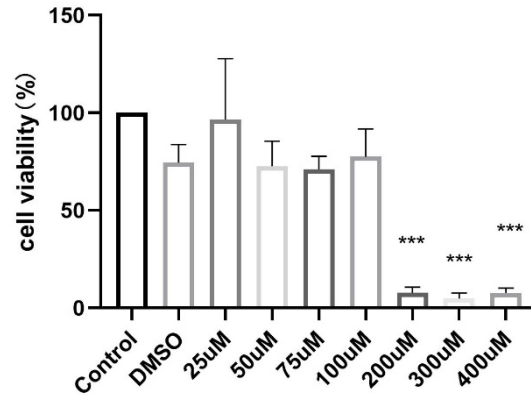
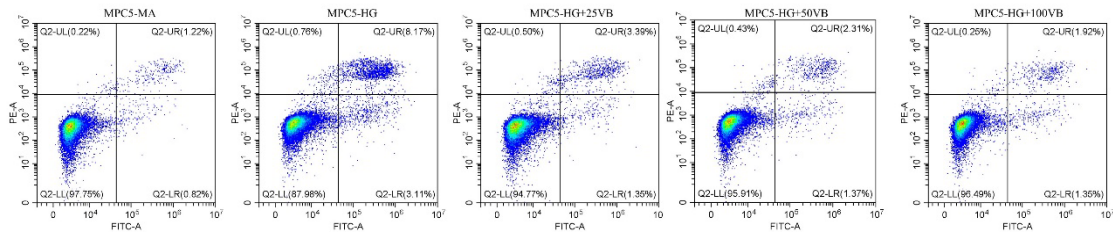


Supplementary Table 1. Sequences of the primers for real-time PCR

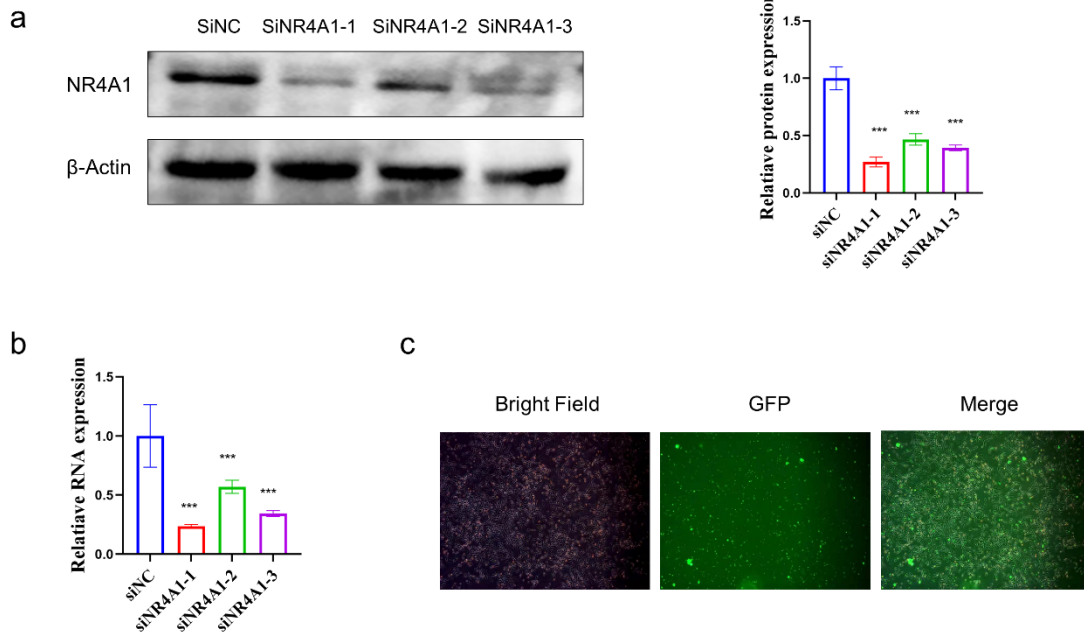
Mouse Gene	Sequence
F-IL6	TGGGGCTCTTCAAAGCTCC
R-IL6	AGGAACTATCACCGGATCTTCAA
F-CXCL10	CCAAGTGCTGCCGTCATTTTC
R-CXCL10	GGCTCGCAGGGATGATTTCAA
F-MCP1	AAAACACGGGACGAGAAACCC
R-MCP1	ACGGGAACCTTTATTAACCCCT
F-Bcl2	ACGTGGACCTCATGGAGTG
R-Bcl2	TGTGTATAGCAATCCCAGGCA
F-Bax	TGAAGACAGGGGCCTTTTTG
R-Bax	AATTCGCCGGAGACACTCG
F-Bcl-xl	GACAAGGAGATGCAGGTATTGG
R-Bcl-xl	TCCCGTAGAGATCCACAAAAGT
F-NR4A1	TTGAGTTCGGCAAGCCTACC
R-NR4A1	GTGTACCCGTCCATGAAGGTG
F-LKB1	TTGGGCCTTTTCTCCGAGG
R-LKB1	CAGGTCCCCCATCAGGTACT
F- β -actin	GGCTGTATTCCCCTCCATCG
R- β -actin	CCAGTTGGTAACAATGCCATGT



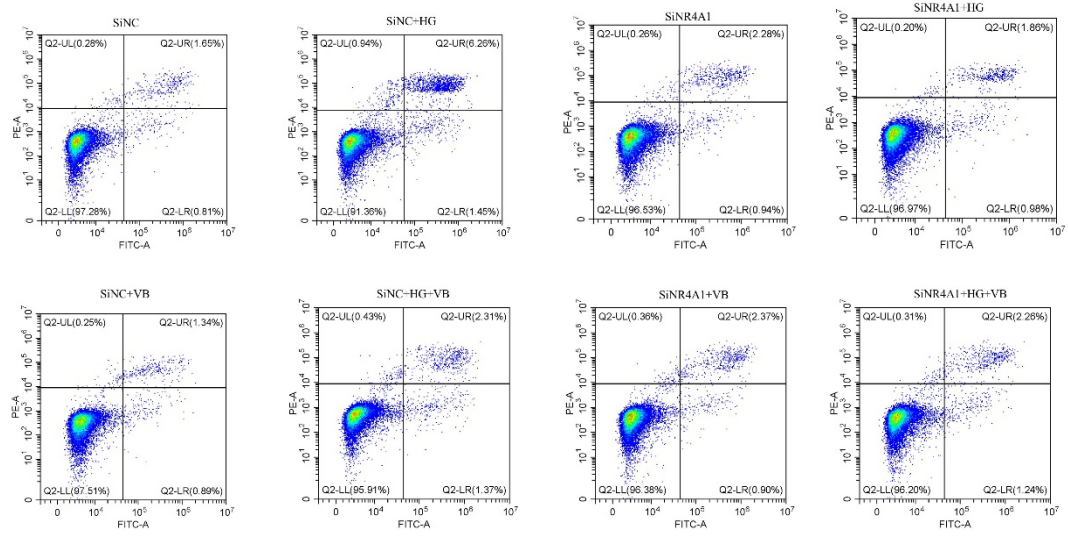
Supplementary Figure 1. The cytotoxic effect of verbascoside (25, 50, 75, 100, 200, 300 and 400 μ M) on MPC5 for 24 h determined by Cell Counting Kit-8 assay (mean \pm SD, n = 3). ***P < 0.001 versus control group.



Supplementary Figure 2. Representative flow cytometric plots of MPC5 cell apoptosis



Supplementary Figure 3. NR4A1 siRNA in MPC5 cells was evaluated by western blot analysis (a) and RT qPCR analysis (b). Transfection efficiency was detected by fluorescent image after transfection of fluorescent siNC (c).



Supplementary Figure 4. Representative flow cytometric plots of MPC5 cell apoptosis after transfected with siRNA. MPC5 cells were transfected with negative control (NC) siRNA or NR4A1 siRNA for 24 h with or without the treatment of HG or verbasco-side.