

Supplementary Table S1. Primers used for quantitative real-time PCR

Primer	Fw (5'-3')	Rv (5'-3')	Reference ¹
GILZ ^h	AATGCGGCCACGGATG	GGACTTCACGTTTCAGTGGACA	NM_000758
MKP1 ^h	CTGCCTTGATCAACGTCTCA	ACCCTTCCTCCAGCATTCTT	NM_004417.4
IL-8 ^h	CTGCGCCAACACAGAAATTA	ATTGCATCTGGCAACCCTAC	NM_000584
COX2 ^h	TTCAAATGAGATTGTGGGAAAATTGCT	AGATCATCTCTGCCTGAGTATCTT	NM_000963.1
GMCSF ^h	CATGTGAATGCCATCCAGGA	GGAGGTCAAACATTCTGAGATGA	NM_000758
ACTB ^h	GGACTTCGAGCAAGAGATGG	AGCACTGTGTTGGCGTACAG	NM_001101.3
OPG ^m	GGAAACAGAGAAGCCACGCAA	GGTAGGAACAGCAAACCTGAAG	NM_008764.3
RANKL ^m	GGAGGATGAAACAAGCCTTTCA	TCCAACCATGAGCCTTCCATC	NM_011613.3
OC ^m	GCTCTGTCTCTCTGACCTCACA	GGTAGGAACAGCAAACCTGAAG	NM_007541.3
ACTB ^m	AGACTTCGAGCAGGAGATGG	AGCACTGTGTTGGCATAGAG	NM_007393.3

^h human; ^m murine; ¹ NCBI (National Center for Biotechnology Information) entry.

Supplementary Figure S1

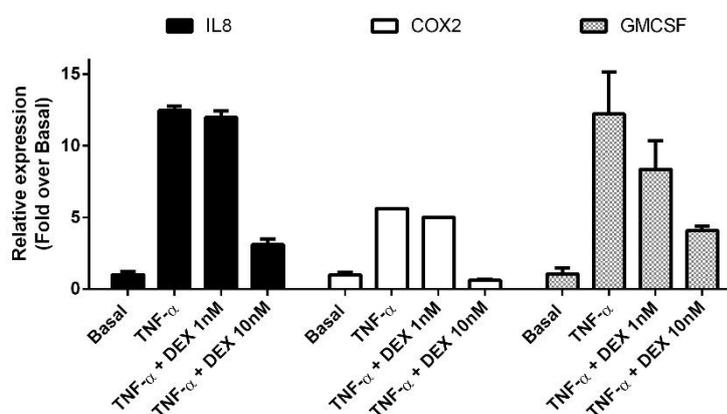


Figure S1. Dexamethasone-induced transrepression of endogenous pro-inflammatory genes in A549 cells. A549 cells were incubated with 2000 UI/ml TNF α for 4 h and then treated with dexamethasone (DEX) for 3 h, as indicated. IL-8, COX-2, and GMCSF mRNA levels were quantified by qPCR as described in the methods section of the main manuscript. Results are mean \pm -SD of at least three independent experiments performed in triplicates.

Supplementary Figure S2

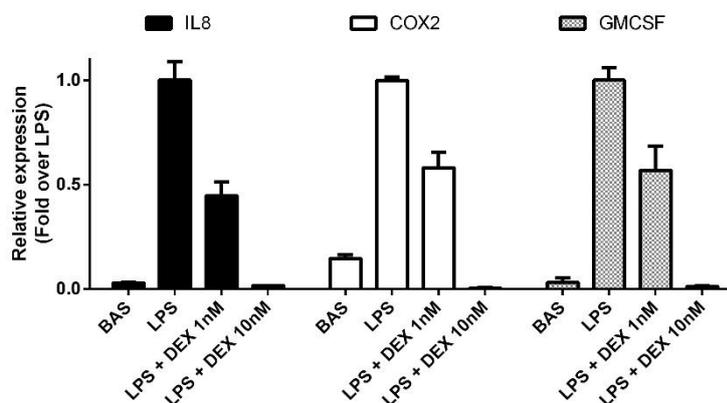


Figure S2. Dexamethasone-induced transrepression of endogenous pro-inflammatory genes in U937 cells. U937 cells were differentiated to macrophages with 100 nM PMA for 48 h and then stimulated with 1 μ g/ μ l LPS for 4 h. Then were exposed to dexamethasone (DEX) for 3 h, as indicated. IL-8, COX-2, and GMCSF mRNA levels were quantified by qPCR as described in the methods section of the main manuscript. Results are mean \pm -SD of at least three independent experiments performed in triplicates.

Supplementary Figure S3

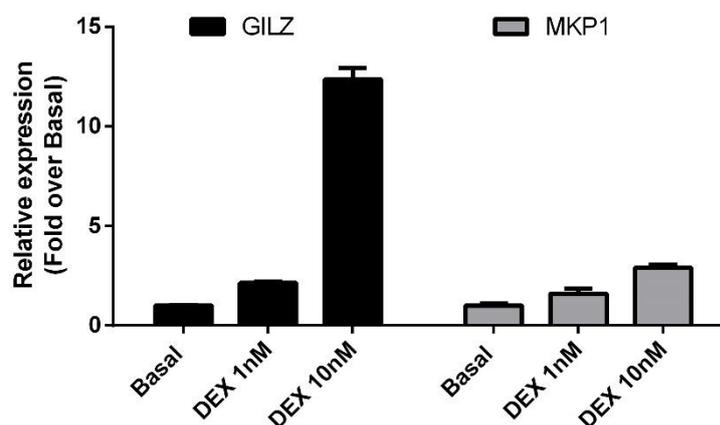


Figure S3. Dexamethasone-induced expression of endogenous anti-inflammatory genes. A549 cells were treated with dexamethasone (DEX) for 3 h, as indicated. GILZ and MKP1 mRNA levels were quantified by qPCR as described in the methods section of the main article. Results are mean \pm -SD of at least three independent experiments performed in triplicates.

Supplementary Figure S4

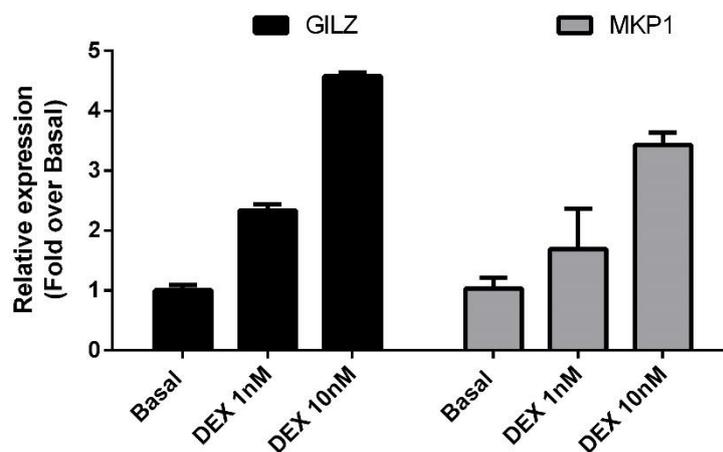


Figure S4. Dexamethasone-induced expression of endogenous anti-inflammatory genes. U937 cells were treated with dexamethasone (DEX) for 3 h, as indicated. GILZ and MKP1 mRNA levels were quantified by qPCR as described in the methods section of the main article. Results are mean \pm SD of at least three independent experiments performed in triplicates.