Figure S1. Morphological changes in THP-1 cells following PMA-induced differentiation. THP-1 cells were treated with 30, 100 or 200 ng/ml PMA for 24 h. Representative bright-field images were acquired at x100 and x200 magnification (scale bar, 100 μm). PMA, phorbol 12-myristate 13-acetate.

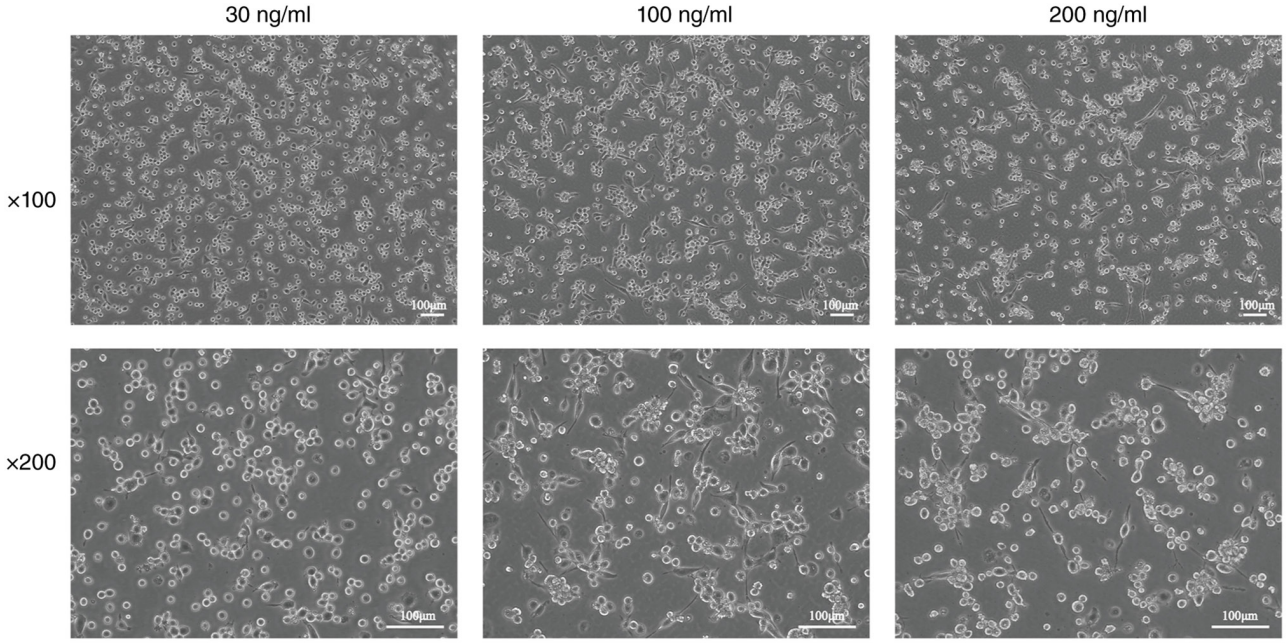


Figure S2. Cell viability of RAW264.7 and THP-1 cells under inflammatory stimulation conditions. (A) RAW264.7 cells were stimulated with 100 ng/ml LPS for 10, 12, 14, and 16 h. (B) THP-1 cells were first differentiated with 100 ng/ml phorbol 12-myristate 13-acetate for 24 h and then stimulated with 100 ng/ml LPS and 20 ng/ml IFN-γ for 10, 12, 14, and 16 h. Cell viability was assessed using the Cell Counting Kit-8 assay. Data are presented as the mean ± SEM from three independent experiments. LPS, lipopolysaccharide; ns, not significant.

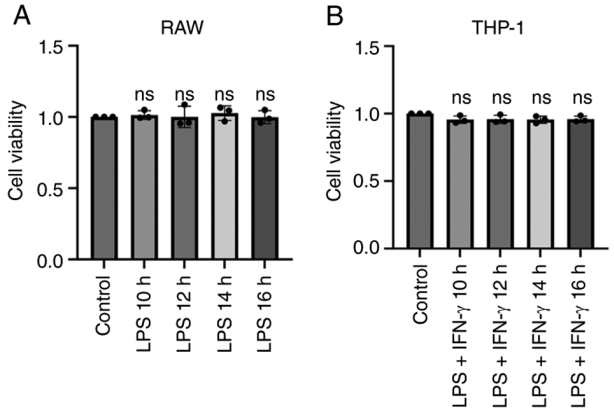


Figure S3. Exploratory external validation of CXCL8 in the additional independent Gene Expression Omnibus dataset GSE69528. AUC, area under the curve; CXCL8, C-X-C motif chemokine ligand 8; TPR, true positive rate; FPR, false positive rate.

