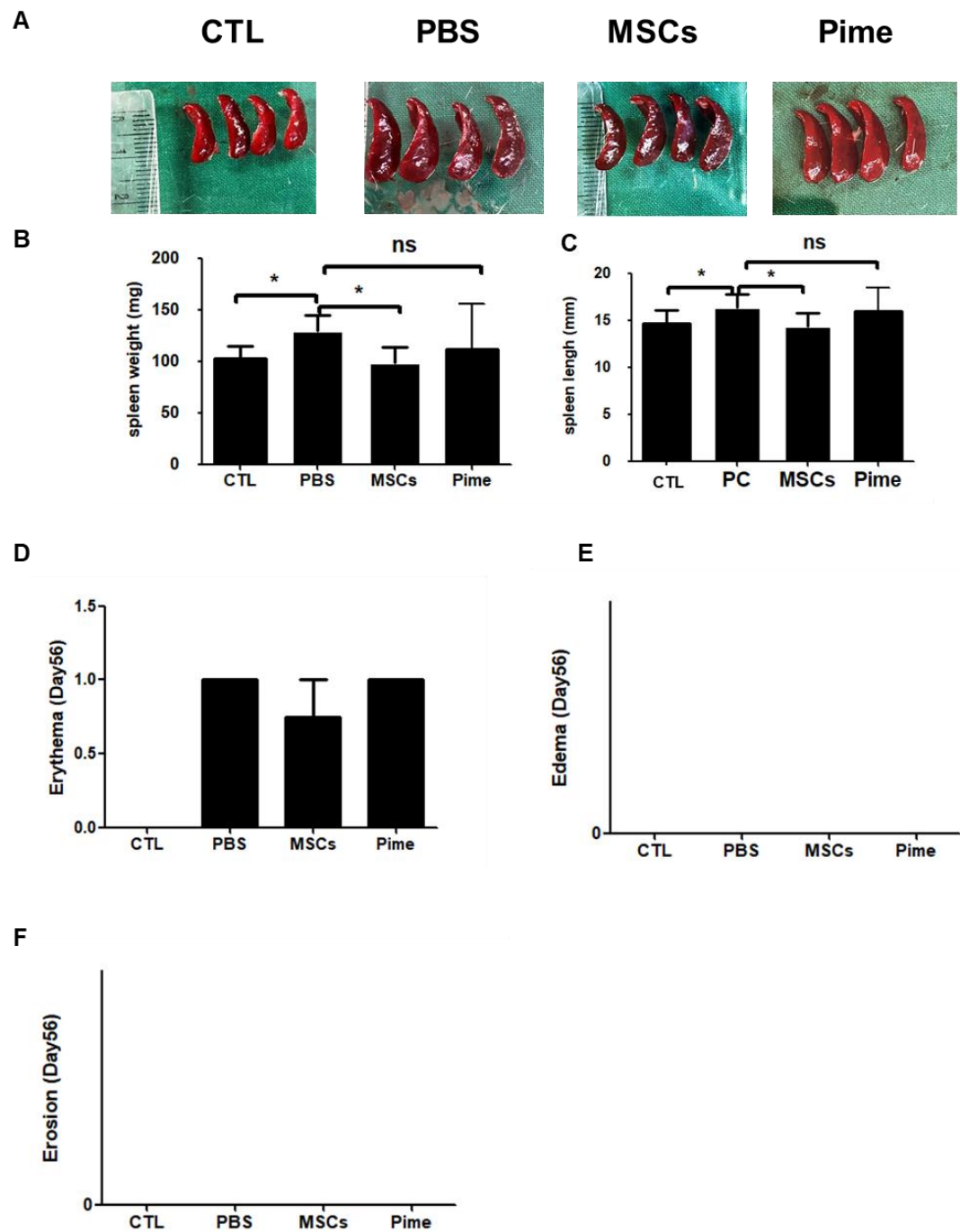
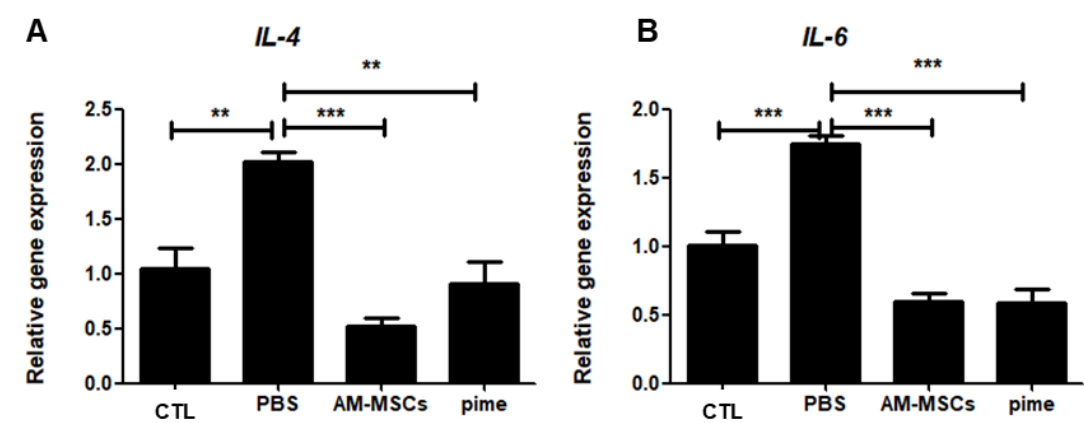


Supplementary Figures



Supplementary Figure 1. (A-C) Representative spleen images (A) of CTLs, PBS, MSCs, and Pime, Quantifications of spleen weight (B) and length (C). n = 4 in each spleen; mean±SD; * p < 0.05, n.s. not significantly different versus the control. (D-F) the severity scores of erythema (D), edema (E), and erosion (F) for CTL, PBS, MSCs and Pime on Day 56 (none, 0; mild, 1; moderate, 2; and severe, 3).

Supplementary Figures



Supplementary Figure 2.(A, B) Gene expression related to inflammation: *IL-4* (A) and *IL-6* (B). Three independent analyses were conducted for each gene.

Supplementary Tables

Supplementary Table 1.List of primers for Real time PCR.

Gene	Target	Sequence(5'→3', forward)	Sequence(5'→3', reverse)	Temp(°C)
IL-6	Mouse	AGTGAGGAACAAGCCAGAG C	AGCTGCGCAGAATGAGAT GA	60°C
IL-4	Mouse	TGCTAGGCAAGCAGGAGGT GAT	GTGGCACCATAGGCATAA TCTGG	60°C
GAPDH	Mouse	GGCATTGCTCTCAATGACA A	TGTGAGGGAGATGCTCAG TG	60°C

Supplementary Table 2.List of antibodies.

Antibody	Working Dilutions	supplier	Catalog Number	Method
COX-2	1 : 500	Abcam	Cat. #ab15191	IHC
IDO-1	1 : 500	Merck	Cat. # 05-840	IHC
TGF-β1	1 : 500	Abcam	Cat. # ab27969	IHC
Mast cell tryptase	1: 500	Abcam	Cat. # ab2378	IHC
CD31/PECAM-1	1: 500	R&D systems	Cat. # AF3628	IHC
CD90	1 : 500	Invitrogen	Cat.#12-5900-42	IHC
Dapi	1 : 1000	Merck	Cat. #D9542	IHC