

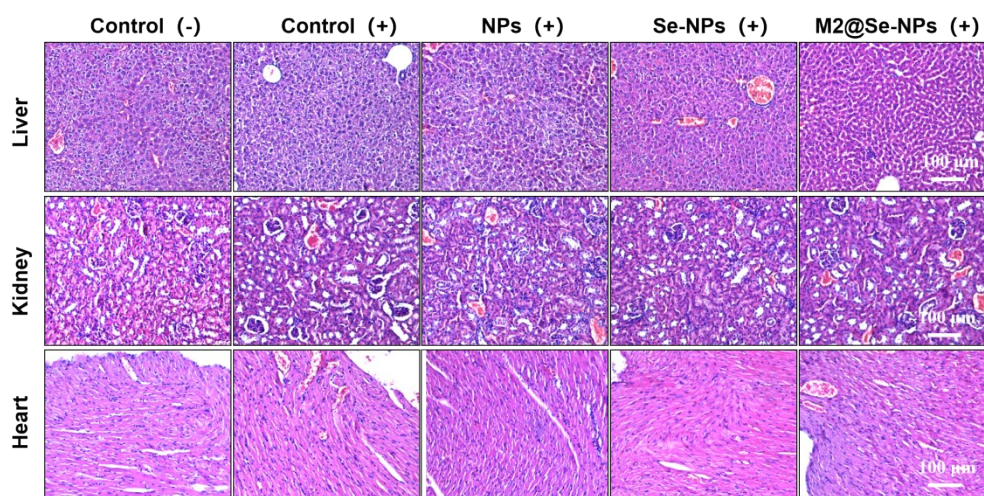
## Inflammatory Cytokine Scavenging and Macrophage Metabolism Reprogramming to Orchestrate Inflammatory Bone Regeneration

**Table S1: Information of antibodies used in the experiment**

Antibody	Brand
TNFR1	HUABIO
IL-6R	Abcam
IL-6	HUABIO
TNF- $\alpha$	Bioswamp
iNOS	Abcam
Arg-1	Cell Signaling Technology
p65	Cell Signalling Technology
phospho-p65	Santa Cruz
Anti-CD47	Abcam
NRF2	Cell Signalling Technology
p-NRF2	HUABIO
Runx2	HUABIO
OPN	HUABIO
OCN	HUABIO
VEGF	Abcam
CD31	HUABIO

**Table S2. Primers used for qRT-PCR**

Gene	Forward Primer	Reverse Primer
GADPH	AGGTCGGTGTGTGAACGGATTTG	TGTAGACCATGTAGTTGAGGTC
		A
IL-1 $\beta$	TGGAGAGTGTGGATCCCAAG	GGTGCTGATGTACCAGTTGG
IL-6	ATAGTCCTTCCACCCCAATTTCC	GATGAATTGGATGGTCTTGGTCC
TNF- $\alpha$	CTGAACTTCGGGGTGATCGG	GGCTTGTCACCTCGAATTTGAGA
iNOS	CAGAAGTGCAAAGTCTCAGACAT	GTCATCTTGTATTGTTGGGCT
Arg-1	ACATTGGCTTGCAGACGTA	ATCACCTTGCCAATCCCCAG
CD206	AGACGAAATCCCTGCTACTG	CACCCATTCTGAAGGCATTC
ALP	CCAACCTCTTTGTGCCAGAGA	GGCTACATTGGTGTGAGCTTTT
Runx2	TTCAACGATCTGAGATTTGTGGG	GGATGAGGAATGCGCCCTA
OPN	CAGGGAGGCAGTACTCTTC	AGTGTGGAAAGTGTGGCGTT
VEGF	AGGGCAGAATCATCACGAAGT	AGGGTCTCGATTGGATGGCA
CD31	GGTGGAGTCTGGAGAGGACATT	GGGTGGCATTGAGGTCATT



**Figure S1. H&E staining of heart, liver, and kidney sections show no evident pathological changes.**

The original, unprocessed Western blot images are shown as below:

Figure 2c, 2f

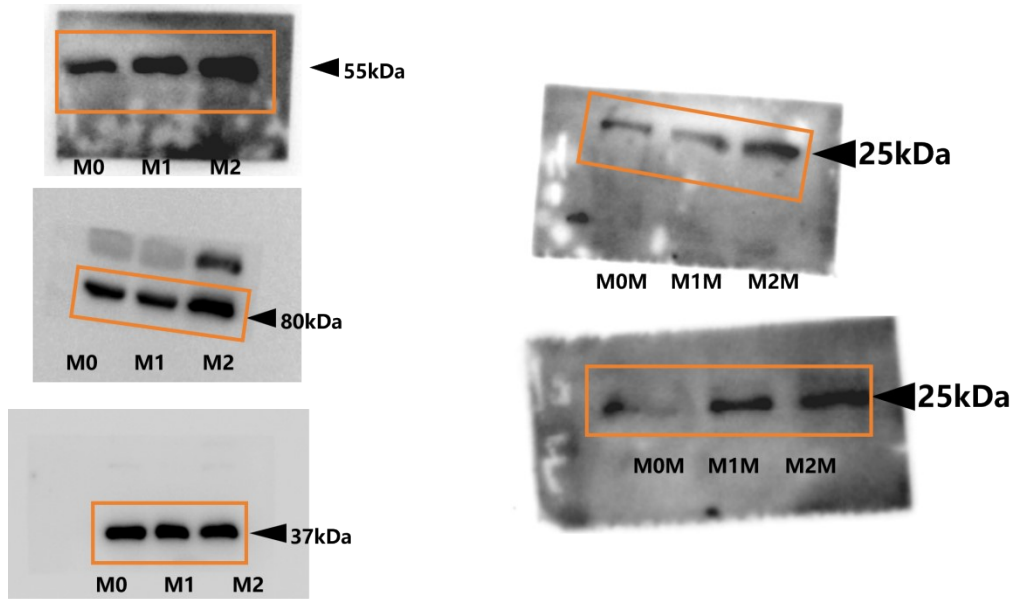


Figure 2j

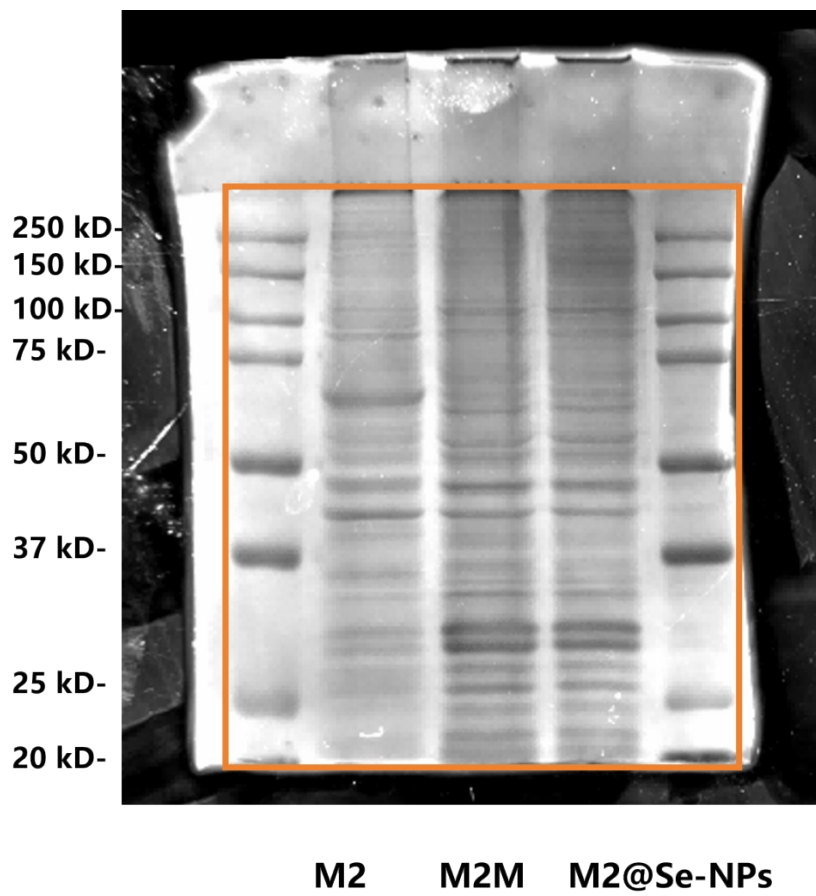


Figure 6b

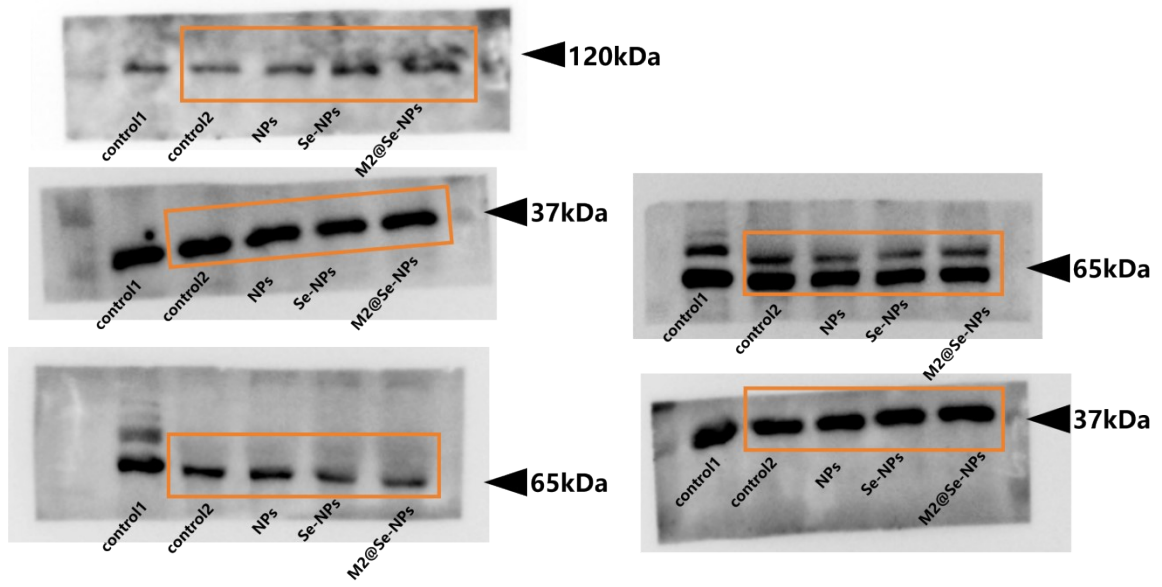


Figure 8h

