

Table S1
The list of the primers for real time polymerase chain reaction

gene name	symbol	forward sequence	reverse sequence
Homo sapiens glyceraldehyde-3-phosphate dehydrogenase (GAPDH), transcript variant 1, mRNA	GAPDH	GCACCGTCAAGGCTGAGAAC	TGGTGAAGACGCCAGTGGA
Homo sapiens chemokine (C-X-C motif) ligand 12 (CXCL12), transcript variant 1, mRNA	CXCL12	TTGTGATTGCCTCTGAAGCCTATG	ATTGGAACCTGAAACCCCTGCTG
Homo sapiens chemokine (C-C motif) ligand 3 (CCL3), mRNA	CCL3	CTGCTCAGAATCATGCAGGTC	ACTGGCTGCTCGTCTCAAAG
Homo sapiens chemokine (C-C motif) ligand 4 (CCL4), mRNA	CCL4	CAAGTCTGTGCTGATCCCAGTG	GCAGCTCAGTTCAGTTCCAGGTC

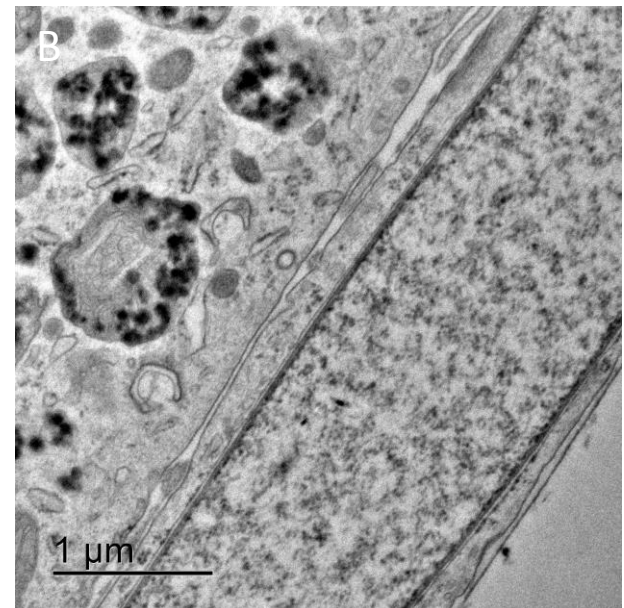
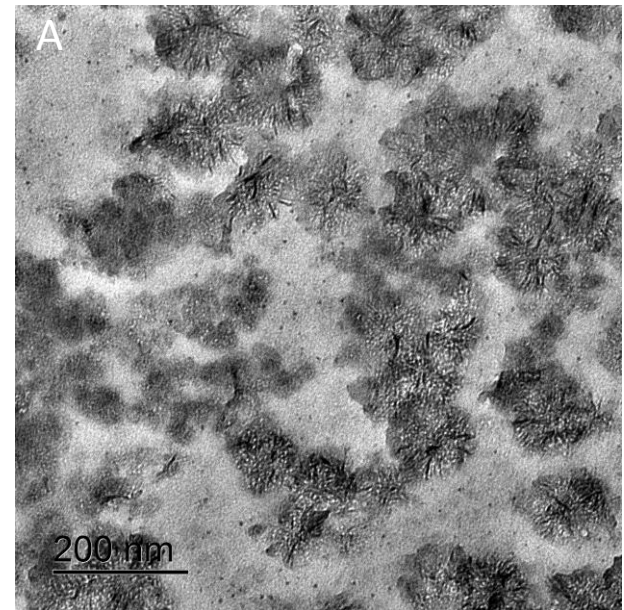
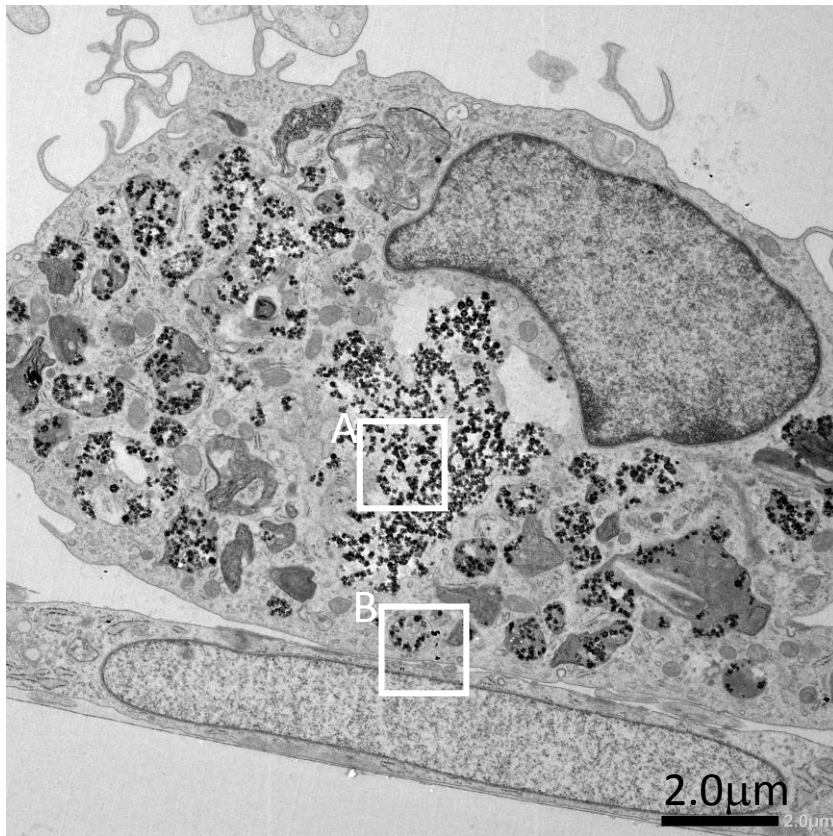


Fig. S1
TEM observations of cocultures with CNHs for 7 days.

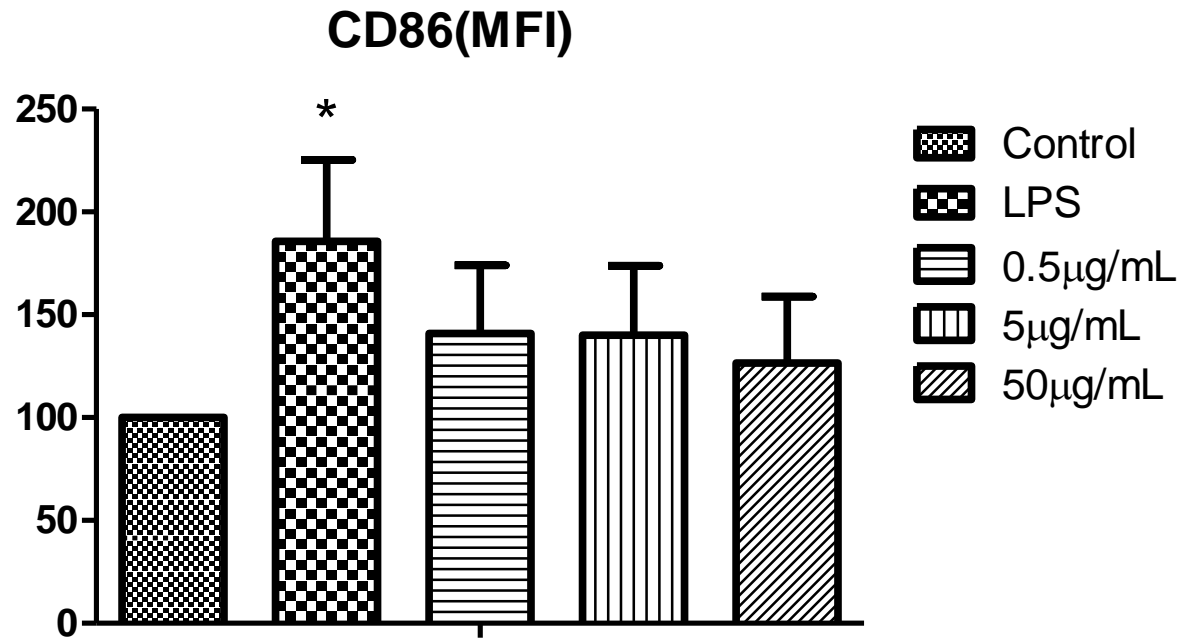


Fig. S2 Flow cytometry analysis of CD86 expression in hMDM exposed to different concentrations of CNHs. The two-way ANOVA followed by the Bonferroni's post-test was performed to determine the statistical differences versus control cells and to compare the three CNH samples with each other (* $p < 0.005$).