

Supplementary Materials

Table 1. Primer list.

Gene	Primer Sequences	
LOX1	Forward: Reverse:	ACGGACAGACAGACAGACAG GGCCACACATCCCATGATTC
CD36	Forward: Reverse:	TGGTACAGATGCAGCCTCAT AGGCCTTGGATGGAAGAACA
CD68	Forward: Reverse:	CATGGCGGTGGAGTACAATG GCAGGAGAACTTTGCCCAA
MHCII	Forward: Reverse:	TCCTGGTCCAACTTCTGTCC CCCAACCTCATCCGATCTGA
ACTB	Forward: Reverse:	CATCCGCAAAGACCTGTACG CCTGCTTGCTGATCCACATC

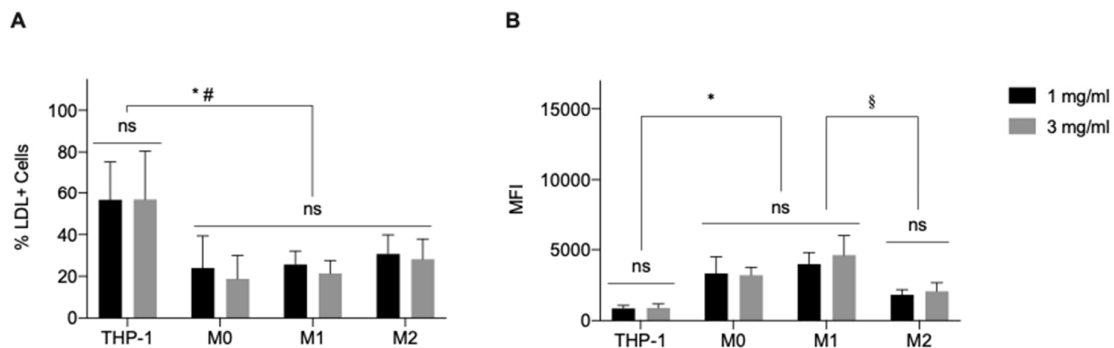


Figure 1. Fluorescence assisted cell sorting assessment of LDL uptake by monocytes and macrophages cultured in 3D collagen hydrogels. **(A)** The number of (oxLDL+) cells for THP-1 monocytes and THP-1-derived macrophages. **(B)** The amount of LDL in the cells, as quantified through mean fluorescence intensity (MFI), is also shown. A sample size of $n = 5$ was performed. Significance is represented as * $p < 0.05$ between THP-1 vs. M0 and M1, § $p < 0.05$ between M1 and M2, and # $p < 0.1$ between 1 mg/ml and 3 mg/ml THP-1, and M2 at the same matrix conditions.