

SUPPLEMENTAL FIGURE LEGENDS

Supplemental Figure 1. Selective CE uptake in MPMs. Murine peritoneal macrophages (MPMs) were isolated and cultured for 2 days in DMEM supplemented with 10% FBS, 50 ng/mL M-CSF, 25 ng/mL IL-10, 50 IU/mL penicillin G and 50 µg/mL streptomycin, then treated for 4 hours with the same conditions plus 250 µg/mL [³H]Cet/¹²⁵I-LDL. CE uptake was determined as described in *Materials and Methods*. Values are the mean +/- S.E.M. (n=4). ***, p<0.001 compared to [³H]Cet.

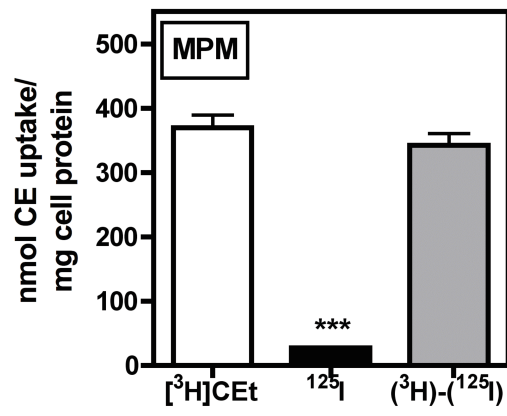
Supplemental Figure 2. Effect of latrunculin B on LDL selective CE uptake. BMMs were pre-treated for 30 minutes with the indicated concentration of latrunculin B in medium A, then washed and treated for 4 hours with the same addition of latrunculin B plus 250 µg/mL [³H]Cet/¹²⁵I-LDL in medium B. ¹²⁵I-LDL uptake (**A**) and selective [³H]Cet uptake (**B**) were determined as described in *Materials and Methods*. Values are the mean of duplicate determinations.

Supplemental Figure 3. Efflux of [³H]FC to HDL and LDL. BMMs were labeled with 0.2 µCi/mL [³H]FC in medium A for 24 hours, then washed and equilibrated in medium B for 1 hr, then washed and treated with the indicated concentration of LDL or HDL₃ in medium B for 5 hours. Lipid from cells was extracted and ³H from cell extracts and media was quantified. Total ³H was determined as the sum of cellular and medium ³H, and the percentage of the total ³H present in the media was defined as percent [³H]FC efflux. Values are the mean +/- S.E.M. (n=3).

Supplemental Figure 4. Effect of UBP on neutral CE hydrolysis. BMMs were pulsed for 24 hours with 500 µg/mL LDL and 0.2 µCi/mL [³H]FC to induce cholesterol accumulation and to radiolabel cellular CE pools, respectively. Cells were then washed and chased for 24 hr with or without 50 µg/mL HDL₃ and 400 µM diethylumbelliferyl phosphate (UBP) in medium B as indicated. At the end of the experiment cell lipids were extracted and separated by TLC to determine cell-

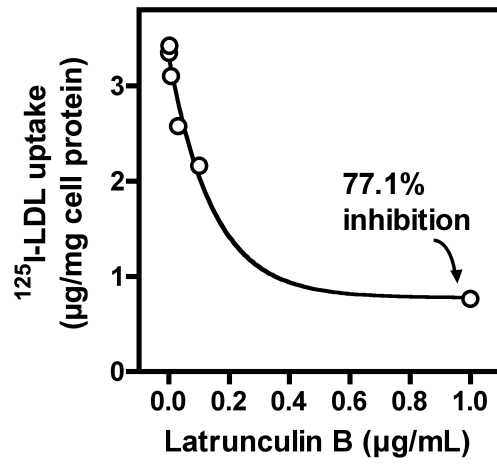
associated [³H]CE. Values are the mean +/- S.E.M. (n=3). *, p<0.05 compared to without HDL.

Supplemental Figure 1

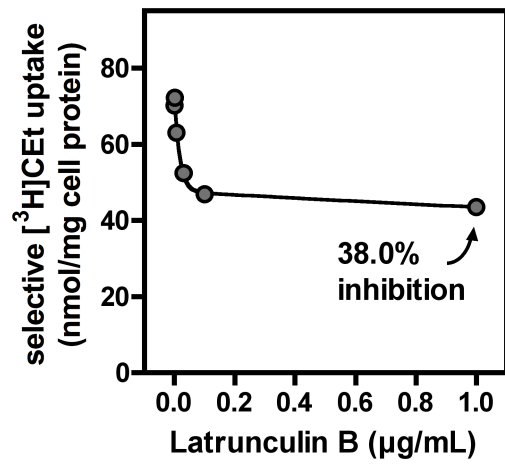


Supplemental Figure 2

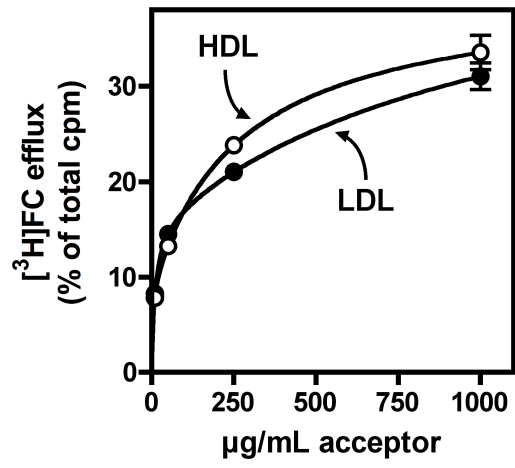
A



B



Supplemental Figure 3



Supplemental Figure 4

