

Supplemental Data.

Supplemental Figure 1.

Figure Legends

Figure S1A.

Raw Cells were co-transfected with 4 μ g GFP-MyIip/Idol (green) and Cnnpy2/Msap-dsRed (red color) for 24h and visualized using a fluorescent microscope. Note co-localization of the two proteins in the merge picture to the right (yellow color).

Figure S1B-C.

Raw cells were loaded with acetylated LDL (AcLDL) for 24h (Fig S1B) and then stimulated with 50ng/ml for additional 24h followed by immunoblotting for LDLR. No change in LDLR levels by FGF21 was observed in cholesterol loaded macrophages (Fig S1C).

Figure S1D.

Raw cells were loaded with unmodified LDL for 24h and then stimulated with 50ng/ml FGF21 for an additional 24h. Cellular cholesterol ester deposition was imaged and quantified by Oil Red O staining using colorimetry as described in Methods. FGF21 increased the lipid content in control but not in cholesterol-loaded macrophages. Values are means \pm SD, n=3.
** P < 0.01 and *** P < 0.001 for treated cells vs. untreated controls.