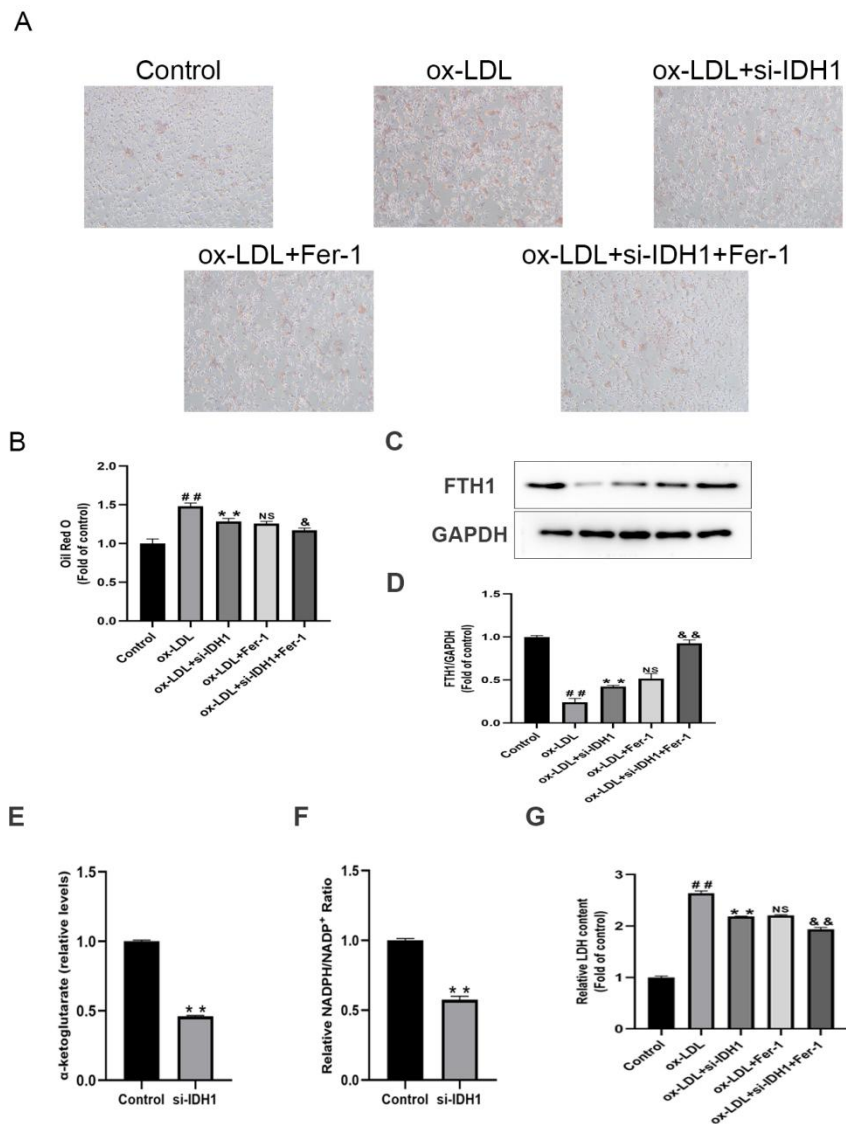


Supplemental Data File for IDH1 promotes foam cell formation by aggravating macrophage ferroptosis

This file includes:

Supplementary Figure S1-2

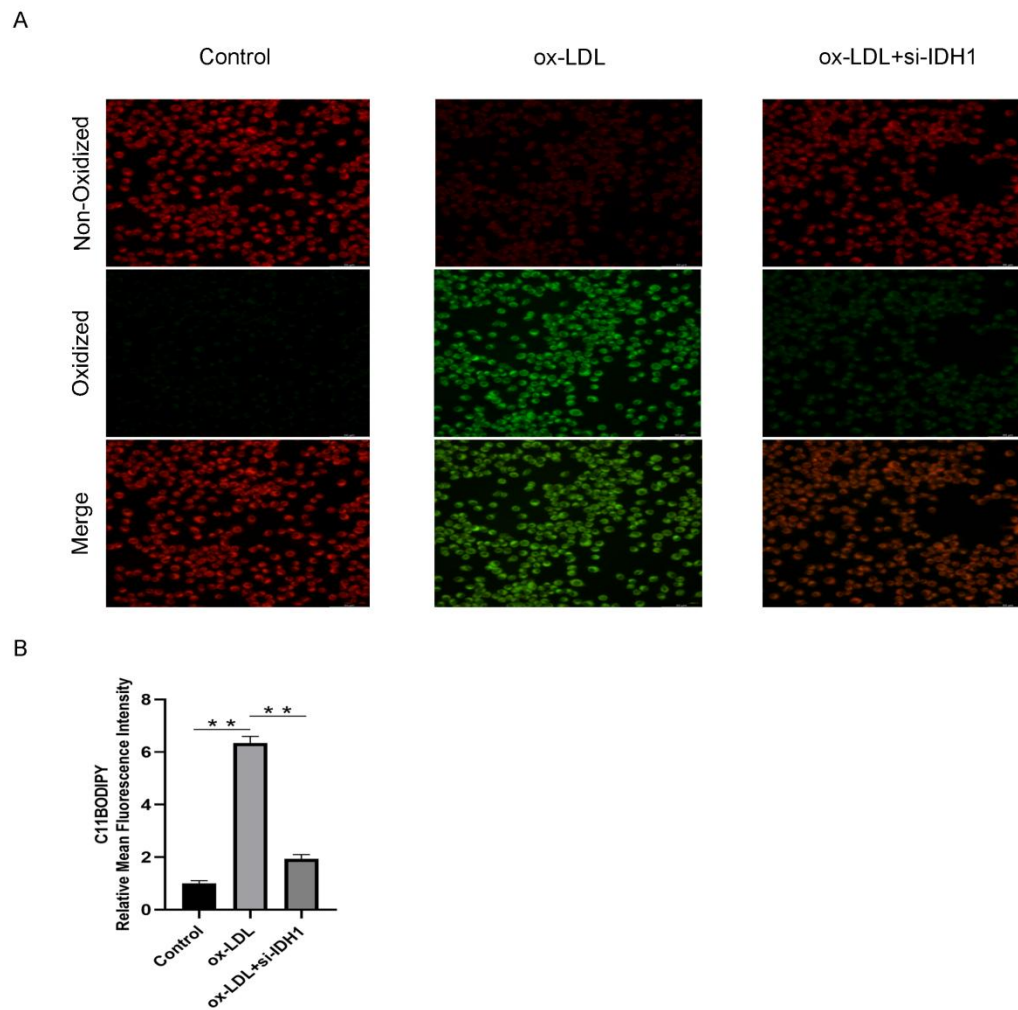
Supplementary Figure S1. Oil red O staining and the levels of FTH1, α -KG, NADPH and LDH



Supplementary Figure S1 (A-B) Oil red O staining. **(C-D)** Western blot was used to detect the levels of FTH1 protein expression. **(E)** The levels of α -KG. **(F)** The levels of NADPH. **(G)** The levels of LDH. #P < 0.05, ##P < 0.01 vs. control group; *P < 0.05,

****P < 0.01** vs. ox-LDL-treated group; NS vs. ox-LDL and si-IDH1 treatment group.
&P < 0.05, **&&P < 0.01** vs. ox-LDL and Fer-1 treatment group. Data are presented as mean±SD.

Supplementary Figure S2: Measurement of Lipid Peroxidation.



Supplementary Figure S2 (A) Representative images of C11BODIPY staining in different groups of cells. Scale bar=50µm. **(B)** The quantitative analysis of C11BODIPY relative mean fluorescence intensity. *P<0.05; **P < 0.01. Data are presented as mean ± SD.