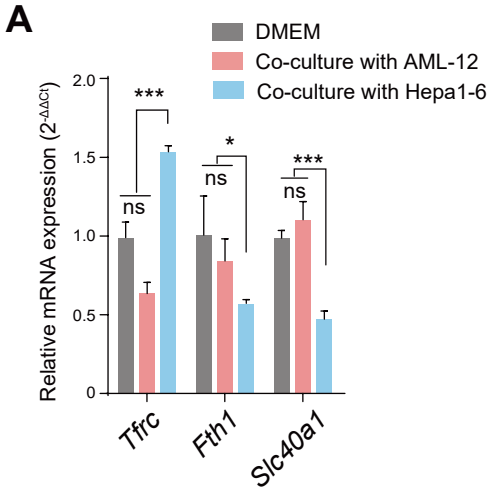
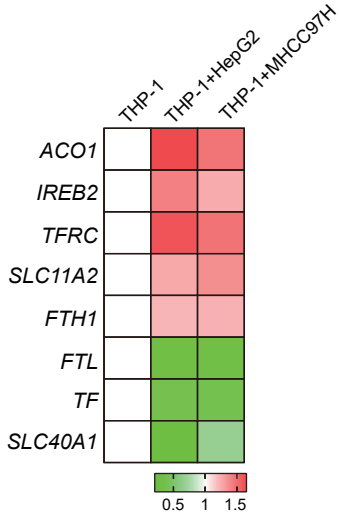
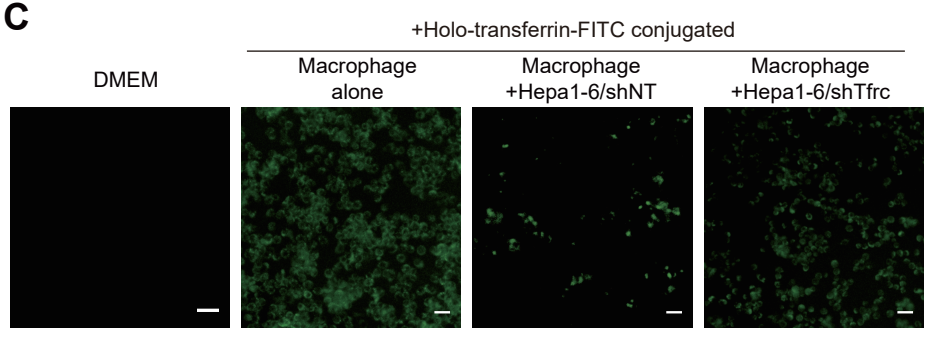
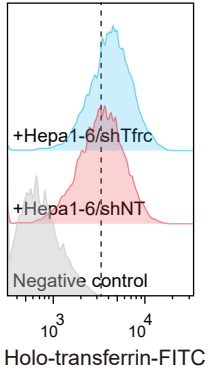
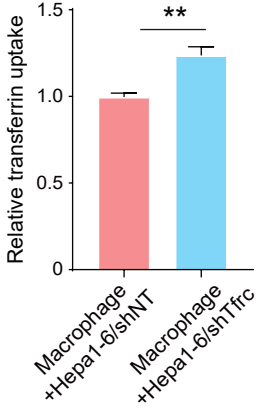

A
DMEM
Co-culture with AML-12
Co-culture with Hepa1-6
Relative mRNA expression (2^-ΔΔCt)
2.0
1.5
1.0
0.5
0
***
ns
*
ns
***
ns
Tfrc
Fth1
Slc40a1


B
THP-1
THP-1+HepG2
THP-1+MHCC97H
ACO1
IREB2
TFRC
SLC11A2
FTH1
FTL
TF
SLC40A1
0.5
1
1.5


C
+Holo-transferrin-FITC conjugated
DMEM
Macrophage alone
Macrophage +Hepa1-6/shNT
Macrophage +Hepa1-6/shTfrc


+Hepa1-6/shTfrc
+Hepa1-6/shNT
Negative control
10^3
10^4
Holo-transferrin-FITC


Relative transferrin uptake
1.5
1.0
0.5
0
**
Macrophage +Hepa1-6/shNT
Macrophage +Hepa1-6/shTfrc