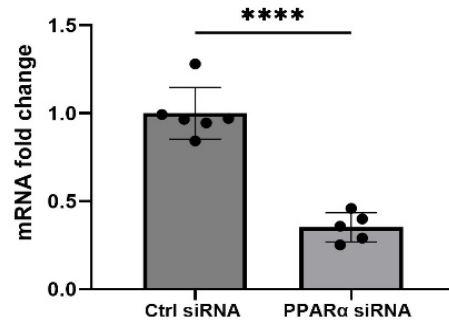


Supplemental Figure S1 Efficiency analysis of PPAR α siRNA knocking down in Human microglia cell HMC3.



Supplemental Figure S1. siRNA knockdown efficiency analysis. HMC3 cells were transfected with *Ppara* siRNA or scramble siRNA. Forty-eight hours after transfection, cDNA was synthesized following RNA purification. Human *Ppara* was amplified using SYBR Green with the primers: 5'-GTTCAATGCACTGGAAGTGG-3' (Forward) and 5'-GACGATCTCCACAGCAAATG-3' (Reverse). β -actin was used as the housekeeping control. Human β -actin forward primer is 5'-GCCGGCTTCGCGGGCGACGA-3'. Human β -actin reverse primer is 5'-GCCACACGCAGCTCATTGTAGA-3'. n=5-6. Student's t-test. ****p<0.0001. Data are presented as mean \pm SD.

Table S1 Antibodies

Name	Vendor	Dilution	Identifier
Rabbit Anti-Iba-1	Wako	1:100-300	Cat#: 01919741, RRID: AB_839504
Rat Anti-CD11b	Cell signaling	1:100	Cat#: 46512
Rabbit Anti-STING	Proteintech	1:100	Cat#: 19851-1-AP RRID: AB_10665370
Rabbit Anti- TNF α	Abcam	1:1000	Cat#: ab9739 RRID: AB_308774
Rabbit Anti- TNF α	Abcam	1:50	Cat#: ab1793 RRID:AB_302615
Rabbit Anti- PPAR α	Novus Biologicals	1:1000	RRID: AB_10001414
HRP conjugated Goat Anti- β actin	Santa Cruz	1:3000	Cat# sc-47778HRP RRID: AB_626632
Alexa Fluor 488- conjugated Donkey Anti-rabbit	Jackson ImmunoResearch Labs	1:500	Cat#: 711-545-152, RRID:AB_2313584
Alexa Fluor 594- conjugated Donkey Anti-rabbit	Jackson ImmunoResearch Labs	1:500	Cat#: 711-585-152, RRID:AB_2340621
Alexa Fluor 594- conjugated Donkey Anti-rat	Jackson ImmunoResearch Labs	1:500	Cat#: 712-585-153, RRID:AB_2340689
Peroxidase conjugated Goat Anti-rabbit	Vector Laboratories	1:2000	Cat#: PI-1000, RRID:AB_2336198
Peroxidase conjugated Horse Anti-mouse	Vector Laboratories	1:2000	Cat#: PI-2000, RRID:AB_2336177