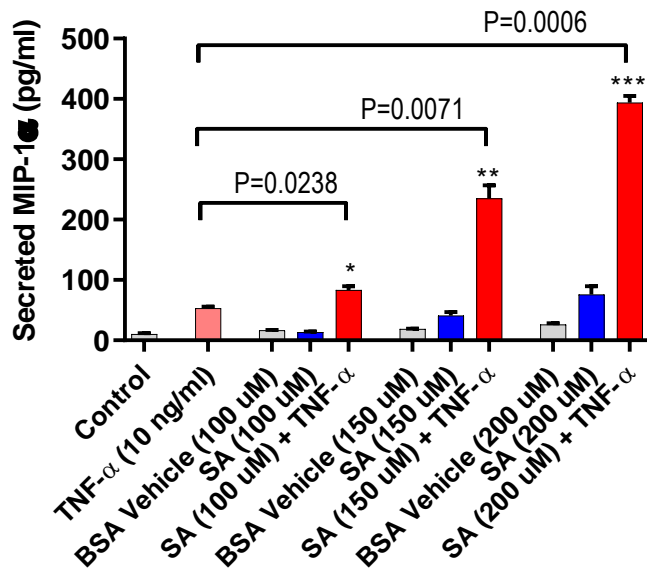


Fig:S1



Supplemental Figure 1: Dose dependent manner of cooperative effect of stearic acid on TNF- α mediated MIP-1 α production. THP-1 cells were treated with different concentrations of stearic acid (100 μ M, 150 μ M, 200 μ M) and then treated with TNF α (10 ng/ml) for 24 h. Culture media were collected. Secreted MIP-1 α protein in culture media was determined by ELISA.

Supplemental Table 1: Characteristics of the study participants

Phenotype	Lean	Obese
	(n = 10) (Mean \pm SD)	(n = 18) (Mean \pm SD)
Age (years)	42.7 \pm 8.17	48.89 \pm 14.19
Weight (kg)	62.93 \pm 11.90	93.39 \pm 14.14
Height (cm)	1.66 \pm 0.12	1.65 \pm 0.09
BMI (kg/m ²)	22.82 \pm 2.35	34.69 \pm 3.64
Waist (cm)	81.33 \pm 12.44	106.74 \pm 12.86
Body fat (%)	28.37 \pm 6.27	39.53 \pm 3.95
FBS (mmol/L)	4.97 \pm 0.64	5.43 \pm 0.81
TGL (mmol/L)	0.63 \pm 0.24	1.30 \pm 0.92
Chol (mmol/L)	5.3 \pm 1.11	5.14 \pm 1.21
HDL (mmol/L)	1.69 \pm 0.51	1.27 \pm 0.31
LDL (mmol/L)	3.31 \pm 0.93	3.31 \pm 0.98
HbA1c (%)	5.66 \pm 0.46	5.65 \pm 0.74
Insulin (mU/L)	6.58 \pm 3.34	16.50 \pm 12.42
HOMA-IR	1.40 \pm 0.64	5.12 \pm 4.46
WBC	5.57 \pm 1.60	5.87 \pm 1.66