

**Supplementary Table 2. Correlation matrix (the Spearman correlation test)**

Variable	TNF- $\alpha$ , pg/mL	IL-6, pg/ mL	MCP-1, pg/mL	POx, $\mu$ mol/L	TC, mmol/L	TG, mmol/L	HDL-C, mmol/L	LDL-C, mmol/L	VLDL-C, mmol/L	AIP	CRP, g/L
TNF- $\alpha$ , pg/mL	-	0.342 <sup>a</sup>	0.150	0.001	-0.105	0.155	-0.301 <sup>a</sup>	0.097	0.146	0.186	0.126
IL-6, pg/mL	0.342 <sup>a</sup>	-	0.258	0.495 <sup>a</sup>	0.290 <sup>a</sup>	0.769 <sup>a</sup>	-0.441 <sup>a</sup>	0.260	0.424 <sup>a</sup>	0.492 <sup>a</sup>	0.336 <sup>a</sup>
MCP-1, pg/mL	0.150	0.258	-	0.550 <sup>a</sup>	0.190	0.299 <sup>a</sup>	0.152	0.325 <sup>a</sup>	0.011	0.192	-0.133
POx, $\mu$ mol/L	0.001	0.495 <sup>a</sup>	0.550 <sup>a</sup>	-	0.232	0.557 <sup>a</sup>	-0.215	0.010	0.211	0.344 <sup>a</sup>	-0.040
TC, mmol/L	-0.105	0.290 <sup>a</sup>	0.190	0.232	-	0.536 <sup>a</sup>	0.078	0.571 <sup>a</sup>	0.620 <sup>a</sup>	0.700 <sup>a</sup>	0.291 <sup>a</sup>
TG, mmol/L	0.155	0.769 <sup>a</sup>	0.299 <sup>a</sup>	0.557 <sup>a</sup>	0.536 <sup>a</sup>	-	-0.468 <sup>a</sup>	0.430 <sup>a</sup>	0.580 <sup>a</sup>	0.647 <sup>a</sup>	0.351 <sup>a</sup>
HDL-C, mmol/L	-0.301 <sup>a</sup>	-0.441 <sup>a</sup>	0.152	-0.215	0.078	-0.468 <sup>a</sup>	-	-0.065	-0.171	-0.272	-0.260
LDL-C, mmol/L	0.097	0.260	0.325 <sup>a</sup>	0.010	0.571 <sup>a</sup>	0.430 <sup>a</sup>	-0.065	-	0.197	0.523 <sup>a</sup>	0.228
VLDL-C, mmol/L	0.146	0.424 <sup>a</sup>	0.011	0.211	0.620 <sup>a</sup>	0.580 <sup>a</sup>	-0.171	0.197	-	0.681 <sup>a</sup>	0.342 <sup>a</sup>
AIP	0.186	0.492 <sup>a</sup>	0.192	0.344 <sup>a</sup>	0.700 <sup>a</sup>	0.647 <sup>a</sup>	-0.272	0.523 <sup>a</sup>	0.681 <sup>a</sup>	-	0.379 <sup>a</sup>
CRP, g/L	0.126	0.336 <sup>a</sup>	-0.133	-0.040	0.291 <sup>a</sup>	0.351 <sup>a</sup>	-0.260	0.228	0.342 <sup>a</sup>	0.379 <sup>a</sup>	-

TNF- $\alpha$ , tumor necrosis factor-alpha; IL-6, interleukin-6; MCP-1, monocyte chemoattractant protein-1; POx, plasma oxalic acid; TC, total cholesterol; TG, triglyceride; HDL-C, high-density lipoprotein cholesterol; LDL-C, low-density lipoprotein cholesterol; VLDL-C, very-low-density lipoprotein cholesterol; AIP, atherogenic index of plasma; CRP, C-reactive protein.

<sup>a</sup>The values are different from 0 at a significance level of  $\alpha < 0.05$ .