

**Supplementary Table S1:** Subjects' information in the Sawara Hospital cohort used for correlation analysis. Averages  $\pm$  SD of specimens of each category are shown.

	Subjects' information	Average $\pm$ SD	Abbreviation
General	Age	67.75 $\pm$ 14.80	
	Sex (male/female)	395/270	
	Body height	158.55 $\pm$ 9.94 (cm)	Height
	Body weight	58.03 $\pm$ 12.22 (kg)	Weight
Artery stenosis	Body mass index	22.94 $\pm$ 3.59	BMI
	Maximum intima-media thickness	2.37 $\pm$ 1.34 (mm)	max IMT
Life style	Smoking habit period	16.2 $\pm$ 20.4 (year)	
	Alcohol intake frequency	2.22 $\pm$ 2.98 (times/week)	
Blood test	Total cholesterol	196.4 $\pm$ 35.7 (mg/dL)	T-CHO
	LDL-cholesterol	115.6 $\pm$ 28.9 (mg/dL)	LDL-C
	Potassium	4.16 $\pm$ 0.41 (mEq/L)	K
	HDL-cholesterol	55.5 $\pm$ 15.4 (mg/dL)	HDL-C
	Total protein	7.19 $\pm$ 0.54 (g/dL)	TP
	Blood sugar	125.0 $\pm$ 45.4 (mg/dL)	BS
	Albumin	4.26 $\pm$ 0.48 (g/dL)	ALB
	Cholinesterase	319.9 $\pm$ 79.8 (U/L)	CHE
	Sodium	140.3 $\pm$ 2.5 (mEq/L)	Na
	Uric acid	5.79 $\pm$ 9.73 (mg/dL)	UA
	Blood urea nitrogen	15.68 $\pm$ 9.14 (mg/dL)	BUN
	Alkaline phosphatase	244.3 $\pm$ 90.7 (U/L)	ALP
	Alanine aminotransferase	21.4 $\pm$ 15.6 (U/L)	ALT (GPT)
	$\square$ -Glutamyl transpeptidase	35.0 $\pm$ 43.6 (U/L)	$\square$ -GTP
Other	Hemoglobin A1c	5.82 $\pm$ 2.28 (%)	HbA1c
	Total bilirubin	0.13 $\pm$ 0.14 (mg/dL)	tBil
	Chlorine	104.6 $\pm$ 3.1 (mEq/L)	Cl
	Estimated glomerular filtrating ratio	73.2 $\pm$ 21.6 (mL/min/1.73m <sup>2</sup> )	eGFR
	Albumin/globulin ratio	1.49 $\pm$ 0.29	A/G
	Creatinin	0.80 $\pm$ 0.32 (mg/dL)	CRE
	Aspartate aminotransferase	24.54 $\pm$ 17.43 (U/L)	AST (GOT)
	Triglyceride	123.9 $\pm$ 84.1 (mg/dL)	TG
	Lactate dehydrogenase	198.9 $\pm$ 118.8 (U/L)	LDH