

SUPPLEMENTAL MATERIAL

Table S1. Baseline characteristics of the study population

Characteristics	Total sample	Sub-sample with <i>ADM</i> expression
n	4155	1372
Female sex, n (%)	2031 (48.9)	667 (48.6)
Age, yrs	55.7 ± 10.9	55.2 ± 10.9
Body mass index, kg.m ⁻²	27.2 ± 4.8	26.9 ± 4.5
Current smoker, n (%)	789 (19.0%)	257 (18.8%)
Diabetes, n (%)	303 (7.3%)	101 (7.4%)
Hypertension, n (%)	2140 (51.5%)	681 (49.6%)
Biomarkers		
Creatinine (mg/dL)	0.88 (0.79 – 0.98)	0.88 (0.79 – 0.97)
CRP, mg/L	1.60 (0.94 – 3.20)	1.70 (0.97 – 3.20)
NT-proBNP (pg/mL)	69.1 (34.9 – 132.6)	65.5 (34.4 – 128.4)
MPO (pmol/L)	298.3 (236.9 – 372.7)	310.2 (242.1 – 385.3)
IL-18 (pg/mL)	217.4 (168.2 – 282.7)	216.7 (169.5 – 284.7)
IL-1Ra (pg/mL)	320.0 (241.0 – 427.9)	305.0 (224.5 – 415.3)
CT-proET-1 (pmol/L)	59.1 (50.8 – 68.2)	60.0 (52.8 – 68.3)
MR-proADM, nmol/L	0.46 (0.40 – 0.55)	0.45 (0.39 – 0.53)
Vascular parameters		
Reflection index, %	67.0 ± 15.0	66.9 ± 15.1
Stiffness index, m/s	9.32 ± 2.99	9.29 ± 3.06
Mean intima-media thickness, mm	0.65 ± 0.13	0.65 ± 0.13
<i>ADM</i> gene expression	-	8.85 ± 0.38

Values are mean ± SD, median (25th – 75th interquartile range) or n (%).

Table S2. Association of monocyte *ADM* gene expression and plasma MR-proADM levels with cardiovascular risk factors (n = 1372)

Risk factor	<i>ADM</i> gene expression				Plasma MR-proADM (log)			
	Coefficient	SE	p-value	R ² (%)	Coefficient	SE	p-value	R ² (%)
Age (yrs)	0.002	0.001	0.035	0.32	0.013	0.001	<.0001	33.08
Sex (male vs female)	-0.166	0.020	<.0001	4.65	0.020	0.013	0.127	0.17
BMI (kg/m ²)	0.009	0.002	<.0001	1.16	0.024	0.001	<.0001	18.93
Diabetes (yes vs no)	0.044	0.040	0.271	0.09	0.210	0.025	<.0001	4.91
Hypertension (yes vs no)	0.006	0.007	0.765	0.02	0.163	0.013	<.0001	10.75
Current smoking (yes vs no)	0.057	0.026	0.032	0.33	-0.026	0.017	0.134	0.16

Data are coefficients from univariate regression analysis of *ADM* expression and log-transformed MR-proADM levels, respectively, on each single risk factor