

Supplemental Table 1. Characteristics of the study participants according to sex.

	All	Men	Women	<i>P</i>
N	259	178	81	
Age	66 ± 10	65 ± 10	68 ± 11	0.013
Women	31%	-	-	
SBP	140 ± 19	139 ± 17	145 ± 23	0.019
DBP	85 ± 9	86 ± 8	83 ± 9	0.013
HR	70 ± 11	69 ± 10	71 ± 11	0.13
MAP	103 ± 11	103 ± 10	103 ± 12	0.92
PP	56 ± 16	53 ± 13	62 ± 20	0.00004
PWV	13.0 ± 3.7	13.2 ± 3.9	12.3 ± 3.0	0.07
BMI	26 ± 4	27 ± 4	25 ± 4	0.003
Metabolic Syndrome	22%	22%	23%	0.78
Waist to Hip Ratio	0.94 ± 0.09	0.98 ± 0.08	0.86 ± 0.06	<0.00001
Smoking (former or current)	51%	63%	19%	0.003
Diabetes	1.5%	1.7%	1.2%	0.78
Hypertension	60%	61%	59%	0.83
Anti hypertensive treatment	55%	56%	53%	0.64
Diuretics	26%	26%	27%	0.82
Beta blockers	22%	21%	23%	0.63
ACE inhibitors	14%	16%	10%	0.17
Calcium blockers	15%	19%	9%	0.04
ARB	25%	25%	26%	0.83
Other	3.1%	3.4%	2.5%	0.70
Statin treatment	24%	29%	12%	0.003
Anti-platelet treatment	16%	16%	15%	0.75
Oral Anticoagulants	3.5%	5.1%	0.0%	0.04
Prevalent CV disease	12%	13%	9%	0.27
Myocardial Infarction	1.6%	1.7%	1.2%	0.78
Revascularization (CABG, PCI)	5.8%	7.9%	1.2%	0.033
Cerebrovascular Disease	4.7%	4.5%	4.9%	0.88
Abdominal Aortic Aneurysm	2.7%	2.8%	2.5%	0.88
Carotid Ultrasound measures				
Carotid plaque	53%	57%	46%	0.09
Mean IMT	0.75 ± 0.11	0.75 ± 0.11	0.76 ± 0.12	0.79
Luminal diameter	5.90 ± 0.71	6.05 ± 0.69	5.59 ± 0.65	<0.00001

Values are expressed as either mean±SD or per cent. Statistical analyses were performed using either a Student's t-test or a Chi square test.

Supplemental Table 2: Plasma and saliva measures according to sex.

	All	Men	Women	<i>P</i>
Plasma measures				
Cholesterol (g/L)	2.2 (1.5-2.8)	2.1 (1.4-2.7)	2.4 (1.8-2.9)	<0.00001
HDL Cholesterol (g/L)	0.49 (0.30-0.76)	0.47 (0.28-0.66)	0.59 (0.38-0.83)	<0.00001
Tryglicerides (g/L)	0.96 (0.57-2.10)	0.98 (0.57-2.10)	0.90 (0.56-1.70)	0.06
Glucose (g/L)	0.99 (0.87-1.21)	1.00 (0.87-1.21)	0.98 (0.86-1.19)	0.046
Creatinine (mg/L)	10.0 (8.0-14.0)	11.0 (9.0-14.2)	9.0 (8.0-11.1)	<0.000001
CRP (µg/mL)	1.05 (0.17-8.18)	0.93 (0.16-7.41)	1.29 (0.25-7.96)	0.06
Saliva measures				
Volume (mL)	3.0 (1.3-5.5)	3.1 (1.5-5.5)	2.8 (1.2-5.2)	0.10
Lysozyme (ug/mL)	5.0 (2.1-37.9)	5.5 (2.2-38.1)	4.3 (2.0-27.5)	0.04
MMP-9 (pg/mL)	202 (9-1 106)	203 (11-1 160)	191 (4-1 043)	0.19
LTB ₄ (pg/mL)	300 (58-2 401)	298 (58-2 455)	327 (58-2 286)	0.41
PGE ₂ (pg/mL)	119 (28-506)	126 (33-557)	106 (25-323)	0.046
Creatinine (mg/L)	2.4 (0.5-7.2)	2.7 (0.7-6.9)	2.0 (0.5-8.0)	0.025
CRP (ng/mL)	0.21 (0.002-5.20)	0.18 (0.002-5.54)	0.33 (0.002-3.32)	0.12

Values are expressed as median and 5-95% confidence interval. Statistical analyses were performed using Mann Whitney's U-test.

Supplemental Table 3: Stepwise multivariate regressions, for log-transformed salivary biomarkers.

Variable	PP			PWV			IMT			MS			Carotid plaque		
	Regression Coefficient (mmHg)	Partial R2 Adj	Prob Level	Regression Coefficient (m/s)	Partial R2 Adj	Prob Level	Regression Coefficient (mm)	Partial R2 Adj	Prob Level	Regression Coefficient (%)	Partial R2 Adj	Prob Level	Regression Coefficient (%)	Partial R2 Adj	Prob Level
Age	0.78 ± 0.09	25.4%	0.0000	0.19 ± 0.02	31.7%	0.0000	0.0063 ± 0.0006	31.2%	0.0000			0.42	0.020 ± 0.003	15.3%	0.0000
Sex	4.74 ± 1.97	2.5%	0.017	-1.63 ± 0.41	6.6%	0.0001			0.15			0.90	-0.217 ± 0.066	4.6%	0.001
CRP	1.61 ± 0.96	1.3%	0.095	0.43 ± 0.20	2.1%	0.029	0.0159 ± 0.0065	2.6%	0.015	6.3 ± 3.0	2.0%	0.035	5.9 ± 3.2	1.5%	0.068
PGE ₂	5.67 ± 2.41	2.4%	0.019			0.50			0.37	13.6 ± 7.3	1.5%	0.064			0.11
LTB ₄			0.13			0.64			0.24			0.91			0.24
MMP9			0.69			0.59			0.48			0.74			0.68
Creatinine			0.16			0.65			0.42			0.22			0.87
Lysozyme			0.48			0.46			0.68			0.74			0.61

Supplemental Fig 1: **Age- and sex-adjusted salivary CRP tertiles**

