

Supplementary Table 1. Levels of inflammatory markers based on gender in CO-MED trial participants who provided plasma at baseline (n=166)

	Total (n=166)		Males (n=49)		Females (n=117)		T value (df)	p- value
	Mean	SD	Mean	SD	Mean	SD		
Log of interferon gamma	5.51	0.40	5.51	0.42	5.51	0.39	-0.07 (84)	0.942
Log of tumor necrosis factor alpha (TNF- $\alpha$ )	4.66	0.25	4.68	0.30	4.65	0.23	0.44 (74)	0.658
Log of IL-1 $\beta$	2.32	0.44	2.32	0.42	2.33	0.44	-0.13 (95)	0.894
Log of IL-1 receptor antagonist	6.26	0.49	6.30	0.65	6.24	0.40	0.61 (64)	0.545
Log of IL-4	2.18	0.27	2.20	0.28	2.17	0.27	0.55 (86)	0.586
Log of IL-5	4.14	0.28	4.13	0.27	4.14	0.29	-0.09 (97)	0.929
Log of IL-6	2.79	0.35	2.85	0.44	2.77	0.30	1.15 (63)	0.254
Log of IL-8	3.40	0.72	3.43	0.78	3.39	0.69	0.33 (81)	0.740
Log of IL-9	3.16	0.66	3.24	0.86	3.08	0.56	1.16 (66)	0.25
Log of IL-13	2.74	0.91	2.93	0.94	2.67	0.89	1.71 (86)	0.090

Log of macrophage inflammatory protein (MIP)-1 $\alpha$	2.16	0.33	2.12	0.28	2.17	0.35	-1.06 (111)	0.293
Log of MIP-1 $\beta$	4.45	0.45	4.49	0.46	4.43	0.45	0.75 (90)	0.454
Log of IL-17	4.56	0.40	4.56	0.39	4.57	0.41	-0.17 (93)	0.865