

Supplemental Table 1. Changes of traditional lipids, PON activity, and oxylipins from baseline to six months by treatment group.

	TNFi	RTX	ABA	TCZ
Traditional Lipids	N=420	N=112	N=359	N=284
TC [^] (mg/dL)	1.3(1.4)	0.04(2.8)	0.5(1.5)	8.4(2.0)*
LDL [^] (mg/dL)	0.9(1.3)	0.3(2.4)	-0.6(1.3)	6.8(1.8)*
HDL [^] (mg/dL)	0.8(0.6)	0.5(1.1)	0.2(0.5)	1.6(0.8)*
TG [^] (mg/dL)	2.1(3.8)	5.0(7.6)	5.4(3.4)	14.7(5.6)*
PON1 Activity	N=379	N=111	N=330	N=272
PON [#]	1.2(5.7)	-7.5(10.2)	3.7(6.5)	30.3(8.3)*
LAC [#]	15.0(8.4)	1.5(11.7)	-0.2(8.2)	41.9(9.5)*
ARYL [#]	10.9(7.6)	16.9(12.1)	3.9(8.8)	29.8(8.2)*
Oxylipins	N=83	N=92	N=82	N=92
6k PGF1 ^{α%#}	0.5(1.5)	-2.4(1.4)	-2.4(1.6)	-2.4(1.4)
TXB2 ^{%#}	79.7(35.7)*	39.7(29.2)	2.5(33.3)	-14.2(29.1)
PGE2 ^{%#}	13.4(11.3)	-5.4(6.6)	25.5(14.7)	-4.4(2.7)
LXA4 ^{%#}	8.9(9.1)	-2.2(7.3)	15.9(12.1)	-8.9(3.8)*
RvD1 [%]	1.9(1.1)	0.3(0.8)	1.8(1.6)	-1.0(0.7)
13,14-dihydro-15k PGF2 ^{α%}	1.1(1.0)	-0.07(0.9)	2.0(2.9)	1.2(0.9)
6trans12epi LTB4 + LTB4 ^{%#}	-13.3(8.3)	-5.8(17.9)	75.6(36.3)*	-16.8(8.2)*
13HODE [%]	20.0(26.5)	9.4(20.6)	111.4(49.5)*	-61.1(21.1)*
9HODE [%]	22.0(27.3)	9.8(21.7)	121.3(50.4)*	-77.7(21.1)*
15HETE [%]	26.4(22.7)	5.8(17.2)	96.6(42.8)*	-36.0(14.7)*
14S-HDHA [%]	23.9(24.8)	3.7(16.1)	51.1(36.2)	-15.5(12.5)
(14S-HDoHE)				
11HETE [%]	27.6(23.4)	8.0(17.9)	103.8(43.9)*	-44.9(15.9)*
12HETE [%]	14.0(52.0)	2.4(41.1)	-1.4(53.8)	-64.1(42.6)
5HETE [%]	32.0(42.0)	11.8(31.5)	165.9(62.5)*	-101.4(36.4)*
5-oxoETE [%]	13.5(14.7)	-2.1(13.2)	68.2(29.5)*	-26.8(8.3)*

Values are mean (SEM)

Values represent differences from baseline to 6 months (6 month minus baseline)

[^]N=1,175

[#]PON1 values transformed by Log₁₀(x); values reported as Log₁₀(x)*10³ (N=1090-1091). Units are Log(U/mL)

[%]oxylipin values transformed by Log₁₀(x+1); values reported as Log₁₀(x+1)*10³ (N=204-350 across each oxylipin). Units are Log(ng/mL).

[#]Additional missingness of data in these oxylipins with lower sample sizes compared to non-marked oxylipins. Missing data was due to technical issues with sample processing.

*Mean change is significant different from zero by paired t-test, p<0.05