

Supplemental Table 2

1) Cytokine concentrations: average \pm standard deviation in pg/mL:

	Controls		Week 1		Week 2		Week 4	
	Non-injected (n=3)	LPS-injected (n=2)	Vehicle (n=4)	Ocriplasmin (n=3)	Vehicle (n=3)	Ocriplasmin (n=7)	Vehicle (n=5)	Ocriplasmin (n=3)
IL-1 β	4.8 \pm 6.2	90414 \pm 16082	47.2 \pm 57.7	45.8 \pm 25.7	30.9 \pm 26.2	54.2 \pm 92.0	10.7 \pm 20.2	1.7 \pm 0
CCL-2	1288 \pm 104	124107 \pm 21386	1962 \pm 891	3571 \pm 2146	2635 \pm 2161	2304 \pm 407	1750 \pm 712	1784 \pm 482
IL1-Ra	10.6 \pm 3.8	139712 \pm 8136	75.4 \pm 38.8	83.7 \pm 102.6	80.9 \pm 33.8	34.4 \pm 51.8	35.0 \pm 29.3	14.4 \pm 3.5
IL-12	16.4 \pm 2.6	19729 \pm 1455	36.3 \pm 14.7	40.3 \pm 8.9	29.4 \pm 15.4	29.0 \pm 9.4	31.5 \pm 9.8	23.0 \pm 2.1
IL-18	357.2 \pm 279.3	1142 \pm 544	203.6 \pm 204.6	34.5 \pm 15.9	74.7 \pm 101.8	70.9 \pm 59.8	20.4 \pm 16.4	21.4 \pm 4.2
IL-8	29.1 \pm 18.8	9533 \pm 1767	34.3 \pm 17.1	18.5 \pm 12.4	61.3 \pm 97.7	22.7 \pm 18.5	6.2 \pm 6.2	11.8 \pm 5.0
GM-CSF	41.0 \pm 45.6	1.5 \pm 0	49.9 \pm 42.9	56.6 \pm 52.3	28.2 \pm 17.8	73.8 \pm 61.5	39.8 \pm 45.5	16.7 \pm 13.4
IL-10	4.6 \pm 3.9	210.4 \pm 40.0	0.9 \pm 0.8	0.4 \pm 0.0	0.4 \pm 0.0	1.1 \pm 2.0	0.4 \pm 0.2	0.4 \pm 0.0
IL-1 α	0.1 \pm 0.1	1350 \pm 432	3.1 \pm 5.0	0.7 \pm 0.9	0.2 \pm 0.3	0.7 \pm 1.0	0.7 \pm 0.6	1.0 \pm 1.5
IL-2	2.1 \pm 2.6	28.4 \pm 9.2	3.3 \pm 6.4	0.2 \pm 0.0	0.2 \pm 0.1	0.8 \pm 1.0	0.5 \pm 0.5	0.2 \pm 0.0
IL-4	13.8 \pm 20.5	158.2 \pm 65.0	10.1 \pm 13.1	3.5 \pm 0.0	6.0 \pm 4.4	12.7 \pm 14.6	9.0 \pm 10.5	18.9 \pm 26.7
IL-6	3.1 \pm 0.0	6638 \pm 1123	17.7 \pm 29.2	6.2 \pm 5.4	3.1 \pm 0.0	3.6 \pm 1.2	6.7 \pm 7.9	3.1 \pm 0.0
TNF- α	8.4 \pm 10.5	458.4 \pm 133.3	3.1 \pm 0.0	3.1 \pm 0.0	3.1 \pm 0.0	3.1 \pm 0.0	3.1 \pm 0.0	3.1 \pm 0.0
IFN- γ	61.0 \pm 0.0	61.0 \pm 0.0	61.0 \pm 0.0	61.0 \pm 0.0	61.0 \pm 0.0	61.0 \pm 0.0	61.0 \pm 0.0	61.0 \pm 0.0

2) p-Values:

IL-1 β
CCL-2
IL1-Ra
IL-12
IL-18
IL-8
GM-CSF
IL-10
IL-1 α
IL-2
IL-4
IL-6
TNF- α
IFN- γ

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Week 6		Week 1+2			Week 4+6			Week 1+2+4+6	
Vehicle (n=5)	Ocriplasmin (n=8)	Vehicle (n=7)	Ocriplasmin (n=10)	All (n=17)	Vehicle (n=10)	Ocriplasmin (n=11)	All (n=21)	Vehicle (n=17)	Ocriplasmin (n=21)
1.7 ± 0	7.2 ± 8.6	40.2 ± 44.3	51.7 ± 76.2	46.9 ± 63.6	6.2 ± 14.3	5.7 ± 7.7	5.9 ± 11.0	20.2 ± 33.9	27.6 ± 56.6
1300 ± 313	1567 ± 501	2298 ± 1523	2573 ± 993	2463 ± 1188	1487 ± 540	1621 ± 484	1554 ± 506	1758 ± 1013	2029 ± 870
4.3 ± 3.2	11.8 ± 6.3	77.8 ± 33.8	49.2 ± 68.5	60.9 ± 57.2	19.7 ± 25.5	12.5 ± 5.7	15.9 ± 17.9	43.6 ± 40.8	30.0 ± 49.8
20.7 ± 3.8	21.4 ± 7.3	33.3 ± 14.1	32.4 ± 10.3	32.8 ± 11.6	26.1 ± 9.0	21.9 ± 6.2	23.9 ± 7.8	29.1 ± 11.6	26.9 ± 9.8
15.9 ± 9.1	35.0 ± 28.0	148.4 ± 170.7	60.0 ± 52.3	96.4 ± 120.3	18.1 ± 12.7	31.3 ± 24.3	25.0 ± 20.3	71.8 ± 124.0	44.9 ± 41.8
1.3 ± 1.5	15.9 ± 16.2	45.9 ± 59.4	21.4 ± 16.2	31.5 ± 40.3	3.7 ± 5.0	14.7 ± 13.9	9.5 ± 11.8	21.1 ± 42.4	17.9 ± 15.1
32.6 ± 29.6	18.0 ± 27.7	40.6 ± 34.1	68.6 ± 56.6	57.1 ± 49.4	36.2 ± 36.4	17.6 ± 23.9	26.4 ± 31.2	38.0 ± 34.4	41.9 ± 49.1
0.4 ± 0.0	5.3 ± 9.2	0.7 ± 0.6	0.9 ± 1.7	0.8 ± 1.3	0.4 ± 0.1	3.9 ± 8.0	2.3 ± 6.0	0.5 ± 0.4	2.5 ± 6.0
0.1 ± 0.1	2.5 ± 4.3	1.9 ± 3.9	0.7 ± 0.9	1.2 ± 2.5	0.4 ± 0.5	2.1 ± 3.7	1.3 ± 2.8	1.0 ± 2.5	1.5 ± 2.8
1.4 ± 1.7	20.9 ± 36.2	2.0 ± 4.8	0.6 ± 0.9	1.2 ± 3.1	0.9 ± 1.3	15.2 ± 31.8	8.4 ± 23.7	1.4 ± 3.1	8.3 ± 23.7
3.5 ± 0.0	46.6 ± 79.9	8.3 ± 9.9	9.9 ± 12.7	9.3 ± 11.3	6.3 ± 7.6	39.1 ± 69.1	23.4 ± 51.9	7.1 ± 8.4	25.2 ± 51.8
3.1 ± 0.0	12.8 ± 15.9	11.5 ± 22.0	4.4 ± 3.0	7.3 ± 14.2	4.9 ± 5.6	10.2 ± 14.0	7.7 ± 11.0	7.6 ± 14.5	7.4 ± 10.5
3.1 ± 0.0	44.0 ± 76.3	3.1 ± 0.0	3.1 ± 0.0	3.1 ± 0.0	3.1 ± 0.0	32.8 ± 66.7	19.4 ± 50.1	3.1 ± 0.0	18.6 ± 49.5
61.0 ± 0.0	348.6 ± 535.0	61.0 ± 0.0	61.0 ± 0.0	61.0 ± 0.0	61.0 ± 0.0	61.0 ± 0.0	176.0 ± 335.4	61.0 ± 0.0	170.6 ± 347.3

