

SourceDataforFigure4A

Prism 8

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12 Helvetica

Search

Table format: XY

▼ Data Tables

- 1hr ROS fold change vs IL-8
- 1hr ROS fold change vs TNF
- New Data Table...

▼ Info

- Project info 1
- Project info 1
- New Info...

▼ Results

- 1hr ROS fold change of Linear reg. of ROS vs TNF
- 1hr ROS fold change of Linear reg. of ROS vs IL-8
- New Analysis...

▼ Graphs

- 1hr ROS fold change vs IL-8
- 1hr ROS fold change vs TNF
- New Graph...

▼ Layouts

- New Layout...

Family

- 1hr ROS fold change vs IL-8
- 1hr ROS fold change of Linear reg. of ROS vs IL-8
- 1hr ROS fold change vs IL-8

		X	Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L	Group M
		ROS	IL-8	Title	Title	Title	Title	Title	Title	Title	Title	Title	Title	Title	Title
		X	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	10551	0.439473968	61.60												
2	HRSH	0.554920772	292.56												
3	61439	0.452085804	300.64												
4	61484	0.653875175	875.76												
5	61495	0.841920880	684.36												
6	10868	0.699795192	34.04												
7	SR/SM	0.545542740	161.24												
8	SH/OR	0.453379325	112.20												
9	PN/TN	0.675541662	968.68												
10	PI/AB/BF	0.861647084	2127.64												
11	JY/BD	0.523876253	208.88												
12	PI/NS/KF	0.513851461	118.60												
13	TL/MJ	0.600194028	524.44												
14	GLOR	0.892368222	86.00												
15	VK/KS	2.278053250	1766.84												
16	KM/MS	1.582947073	771.44												
17	61941	0.734881966	495.24												
18	CH/KL	1.099493371	809.48												
19	SS/SN	1.003611081	1079.68												
20	KLDD	0.652258273	804.64												
21	AR/SN	0.672307858	460.44												
22	SN/KM	0.905303439	236.32												
23	JY/PR	0.607955158	0.00												
24	Title														
25	Title														
26	Title														
27	Title														

1hr ROS fold change vs IL-8

Row 1, A: IL-8, Selected: Rows 23, Columns 1

SourceDataforFigure4A

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Q Search

▼ Data Tables

- 1hr ROS fold change vs IL-8
- 1hr ROS fold change vs TNF**
- + New Data Table...

▼ Info

- Project info 1
- Project info 1
- + New Info...

▼ Results

- 1hr ROSfold change ofLinear reg. of ROS vs TNF**
- 1hr ROSfold change ofLinear reg. of ROS vs IL-8
- + New Analysis...

▼ Graphs

- 1hr ROS fold change vs IL-8
- 1hr ROS fold change vs TNF**
- + New Graph...

▼ Layouts

- + New Layout...

Family

- 1hr ROS fold change vs TNF**
- 1hr ROSfold change ofLinear reg. of ROS vs TNF
- 1hr ROS fold change vs TNF

Table format:	X	Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L	Group M
XY	ROS	TNF	Title	Title	Title	Title	Title	Title	Title	Title	Title	Title	Title	Title
	X	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	10551	0.439473968	6.320000000											
2	HRSH	0.554920772	6.080000000											
3	61439	0.452085804	13.200000000											
4	61484	0.653875175	19.000000000											
5	61495	0.841920880	9.360000000											
6	10868	0.699795192	9.080000000											
7	SR/SM	0.545542740	7.840000000											
8	SH/OR	0.453379325	10.400000000											
9	PN/TN	0.675541662	13.200000000											
10	PI/AB/BF	0.861647084	23.280000000											
11	JY/BD	0.523876253	12.920000000											
12	PI/NS/KF	0.513851461	9.080000000											
13	TL/MJ	0.600194028	9.360000000											
14	GLOR	0.892368222	7.560000000											
15	VK/KS	2.278053250	24.280000000											
16	KM/MS	1.582947073	12.640000000											
17	61941	0.734881966	12.920000000											
18	CH/KL	1.099493371	16.320000000											
19	SS/SN	1.003611081	13.200000000											
20	KLDD	0.652258273	23.880000000											
21	AR/SN	0.672307858	12.080000000											
22	SN/KM	0.905303439	13.960000000											
23	JY/PR	0.607955158	6.320000000											
24	Title													
25	Title													
26	Title													
27	Title													

Row 12, Column C, Selected: Rows 23, Columns 1

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- 1hr ROS fold change vs IL-8
- 1hr ROS fold change vs TNF
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- New Info...

▼ Results

- 1hr ROS fold change of Linear reg. of ROS vs TNF
- 1hr ROS fold change of Linear reg. of ROS vs IL-8
- New Analysis...

▼ Graphs

- 1hr ROS fold change vs IL-8
- 1hr ROS fold change vs TNF
- New Graph...

▼ Layouts

- New Layout...

Family

- 1hr ROS fold change vs TNF
- 1hr ROS fold change of Linear reg. of ROS vs TNF
- 1hr ROS fold change vs TNF

Tabular results

		A	B	C	D	E	F	G	H	I	J	K
	Linear reg.											
	Tabular results	TNF	Title	Title	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
14	X-intercept	-8.252 to -0.2529										
15												
16	Goodness of Fit											
17	R square	0.2500										
18	Sy.x	4.839										
19												
20	Is slope significantly non-zero?											
21	F	6.999										
22	DFn, DFd	1, 21										
23	P value	0.0151										
24	Deviation from zero?	Significant										
25												
26	Equation	Y = 6.591*X + 7.479										
27												
28	Data											
29	Number of X values	23										
30	Maximum number of Y replicates	1										
31	Total number of values	23										
32	Number of missing values	0										
33												
34												
35												
36												
37												
38												
39												

1hr ROS fold change of Linear reg. of ROS vs TNF

Row 2, A: TNF

SourceDataforFigure4A

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Tabular results

Linear reg. Tabular results		A	B	C	D	E	F	G	H	I	J	K	L
		IL-8	Title	Title	Title	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Best-fit values												
2	Slope	800.7											
3	Y-intercept	-70.78											
4	X-intercept	0.08840											
5	1/slope	0.001249											
6													
7	Std. Error												
8	Slope	230.6											
9	Y-intercept	205.4											
10													
11	95% Confidence Intervals												
12	Slope	321.1 to 1280											
13	Y-intercept	-497.9 to 356.4											
14	X-intercept	-1.031 to 0.4188											
15													
16	Goodness of Fit												
17	R square	0.3647											
18	Sy.x	447.9											
19													
20	Is slope significantly non-zero?												
21	F	12.06											
22	DFn, DFd	1, 21											
23	P value	0.0023											
24	Deviation from zero?	Significant											
25													
26	Equation	Y = 800.7*X - 70.78											
27													

1hr ROSfold change of Linear reg. of ROS vs IL-8

Row 2, A: IL-8

SourceDataforFigure4B

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Search

▼ Data Tables >>

- ROS CM & UM (fold change)
- + New Data Table...

▼ Info >>

- Project info 1
- Project info 1
- + New Info...

▼ Results >>

- Mann-Whitney test of ROS CM & UM (fold change)
- Normality and Lognormality Tests of ROS CM & UM (fold change)
- + New Analysis...

▼ Graphs >>

- ROS CM & UM (fold change)
- Normal QQ plot: Normality and Lognormality Tests of ROS CM & UM (fold change)
- + New Graph...

▼ Layouts >>

- + New Layout...

Family >>

- ROS CM & UM (fold change)
 - Mann-Whitney test
 - Normality and Lognormality Tests
- ROS CM & UM (fold change)
- Normal QQ plot: Normality and Lognormality Tests of ROS CM & UM (fold change)

	Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K
	UM	CM	Title	Title	Title	Title	Title	Title	Title	Title	Title
	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	0.439473968	0.653875175									
2	0.554920772	0.675541662									
3	0.452085804	0.861647084									
4	0.841920880	0.600194028									
5	0.699795192	0.892368222									
6	0.545542740	2.278053250									
7	0.453379325	1.099493371									
8	0.523876253	1.003611081									
9	0.513851461	0.672307858									
10	1.582947073										
11	0.734881966										
12	0.652258273										
13	0.905303439										
14	0.607955158										
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											

ROS CM & UM (fold change) Row 10, A: UM

SourceDataforFigure4B

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Search

▼ Data Tables >>

- ROS CM & UM (fold change)
 - New Data Table...
- ▼ Info >>
 - Project info 1
 - Project info 1
 - New Info...
- ▼ Results >>
 - Mann-Whitney test of ROS CM & UM (fold change)**
 - Normality and Lognormality Tests of ROS CM & UM (fold change)
 - New Analysis...
- ▼ Graphs >>
 - ROS CM & UM (fold change)
 - Normal QQ plot: Normality and Lognormality Tests of ROS CM & UM (fold change)
 - New Graph...
- ▼ Layouts >>
 - New Layout...

Family >>

- ROS CM & UM (fold change)
- Mann-Whitney test**
- ROS CM & UM (fold change)

Mann-Whitney test									
1	Table Analyzed	ROS CM & UM (fold change)							
2									
3	Column B	CM							
4	vs.	vs.							
5	Column A	UM							
6									
7	Mann Whitney test								
8	P value	0.0275							
9	Exact or approximate P value?	Exact							
10	P value summary	*							
11	Significantly different (P < 0.05)?	Yes							
12	One- or two-tailed P value?	Two-tailed							
13	Sum of ranks in column A,B	133 , 143							
14	Mann-Whitney U	28							
15									
16	Difference between medians								
17	Median of column A	0.5814, n=14							
18	Median of column B	0.8616, n=9							
19	Difference: Actual	0.2802							
20	Difference: Hodges-Lehmann	0.2011							
21									
22									
23									
24									
25									
26									

Mann-Whitney test of ROS CM & UM (fold ch

Row 1, Column RT

SourceDataforFigure4B

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Prism8

Search

▼ Data Tables >>

- ROS CM & UM (fold change)
- New Data Table...

▼ Info >>

- Project info 1
- Project info 1
- New Info...

▼ Results >>

- Mann-Whitney test of ROS CM & UM (fold change)
- Normality and Lognormality Tests of ROS CM & UM (fold change)**
- New Analysis...

▼ Graphs >>

- ROS CM & UM (fold change)
- Normal QQ plot: Normality and Lognormality Tests of ROS CM & UM (fold change)**
- New Graph...

▼ Layouts >>

- New Layout...

Family >>

- ROS CM & UM (fold change)
- Normality and Lognormality Tests**
- Normal QQ plot: Normality and Lognormality Tests of ROS CM & UM (fold change)

Tabular results

Normality and Lognormality Tests		A	B	C	D	E	F	G	H
Tabular results		UM	CM	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y
1	Test for normal distribution								
2	Anderson-Darling test								
3	A2*	1.232	1.158						
4	P value	0.0021	0.0024						
5	Passed normality test (alpha=0.05)?	No	No						
6	P value summary	**	**						
7									
8	D'Agostino & Pearson test								
9	K2	21.58	17.98						
10	P value	<0.0001	0.0001						
11	Passed normality test (alpha=0.05)?	No	No						
12	P value summary	****	***						
13									
14	Shapiro-Wilk test								
15	W	0.7321	0.6878						
16	P value	0.0008	0.0010						
17	Passed normality test (alpha=0.05)?	No	No						
18	P value summary	***	**						
19									
20	Kolmogorov-Smirnov test								
21	KS distance	0.2114	0.2910						
22	P value	0.0903	0.0269						
23	Passed normality test (alpha=0.05)?	Yes	No						
24	P value summary	ns	*						
25									

Normality and Lognormality Tests of ROS CM & UM

Row 1, A: UM

SourceDataforFigure4C — Edited

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Prism8

Search

▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-8
- New Data Table...

▼ Info

- Project info 1
- Project info 1
- New Info...

▼ Results

- Unpaired t test of TNF
- Unpaired t test of TNF
- Unpaired t test of TNF
- Unpaired t test of TNF
- Unpaired t test of TNF
- Unpaired t test of IL-6
- Unpaired t test of IL-6
- Unpaired t test of IL-6
- Unpaired t test of IL-6
- Unpaired t test of IL-6
- Unpaired t test of IL-6
- Unpaired t test of IL-10
- Unpaired t test of IL-10
- Unpaired t test of IL-10
- Unpaired t test of IL-10
- Unpaired t test of IL-10
- Unpaired t test of IL-8
- Unpaired t test of IL-8

Family

- TNF
- Unpaired t test
- Unpaired t test
- Unpaired t test
- Unpaired t test

		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L	Group M	Group N	Group O	Group P
		HP	HP+Feb	P1	P1+Feb	P2	P2+Feb	P3	P3+Feb	LPS	LPS+Feb	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Tid	2.46	3.68	82.52	32.26	34.39	24.19	10.14	6.32	708.63	1059.28						
2	Tid	3.16	7.36	67.73	23.91	33.31	18.15	8.19	5.46	600.55	962.87						
3	Tid	4.77	7.68	67.73	25.75	32.61	19.55	5.46	4.43	554.26	903.71						
4	Tid																
5	Tid																
6	Tid																
7	Tid																
8	Tid																
9	Tid																
10	Tid																
11	Tid																
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33	Tid																

Row 1, Column RT

SourceDataforFigure4C — Edited

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Prism8

Search

▼ Data Tables >>

- TNF
- IL-6**
- IL-10
- IL-8
- + New Data Table...

▼ Info >>

- Project info 1
- Project info 1
- + New Info...

▼ Results >>

- Unpaired t test of TNF
- Unpaired t test of TNF
- Unpaired t test of TNF
- Unpaired t test of TNF
- Unpaired t test of TNF
- Unpaired t test of IL-6**
- Unpaired t test of IL-6**
- Unpaired t test of IL-6**
- Unpaired t test of IL-6**
- Unpaired t test of IL-6**
- Unpaired t test of IL-10
- Unpaired t test of IL-10
- Unpaired t test of IL-10
- Unpaired t test of IL-10
- Unpaired t test of IL-10
- Unpaired t test of IL-8
- Unpaired t test of IL-8

Family >>

- IL-6**
 - Unpaired t test
 - Unpaired t test
 - Unpaired t test
 - Unpaired t test

		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L	Group M	Group N	Group O	Group P
		HP	HP+Feb	P1	P1+Feb	P2	P2+Feb	P3	P3+Feb	LPS	LPS+Feb	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Tid	1.56	0.00	235.35	170.57	38.21	45.51	10.34	6.27	2704.49	3736.62						
2	Tid	1.39	4.36	220.52	125.46	36.73	30.19	8.73	5.15	2172.81	2964.67						
3	Tid	1.43	0.00	172.07	131.12	29.58	29.73	6.01	3.32	2273.80	2897.29						
4	Tid																
5	Tid																
6	Tid																
7	Tid																
8	Tid																
9	Tid																
10	Tid																
11	Tid																
12	Tid																
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IL-6

Row 1, Column RT

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Prism8

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Data Tables

- TNF
- IL-6
- IL-10**
- IL-8
- New Data Table...
- Info
 - Project info 1
 - Project info 1
 - New Info...
- Results
 - Unpaired t test of TNF
 - Unpaired t test of TNF
 - Unpaired t test of TNF
 - Unpaired t test of TNF
 - Unpaired t test of TNF
 - Unpaired t test of IL-6
 - Unpaired t test of IL-6
 - Unpaired t test of IL-6
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 - Unpaired t test of IL-6
 - Unpaired t test of IL-6
 - Unpaired t test of IL-6
 - Unpaired t test of IL-10**
 - Unpaired t test of IL-10**
 - Unpaired t test of IL-10**
 - Unpaired t test of IL-10**
 - Unpaired t test of IL-8
 - Unpaired t test of IL-8

Family

- IL-10**
 - Unpaired t test
 - Unpaired t test
 - Unpaired t test
 - Unpaired t test

		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L	Group M	Group N	Group O	Group P
		HP	HP+Feb	P1	P1+Feb	P2	P2+Feb	P3	P3+Feb	LPS	LPS+Feb	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Tid	0.00	0.00	4.83	3.65	2.43	1.74	1.27	0.00	20.85	32.85						
2	Tid	0.00	0.00	4.95	2.06	1.47	1.71	0.00	1.53	16.01	25.50						
3	Tid	1.27	0.00	3.34	1.65	1.77	0.00	0.00	0.00	15.31	23.14						
4	Tid																
5	Tid																
6	Tid																
7	Tid																
8	Tid																
9	Tid																
10	Tid																
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32	Tid																
33	Tid																

SourceDataforFigure4C — Edited

File Sheet Undo Clipboard Analysis Change Import Draw Write Text Export Print Send LA Help

Prism8

Search

▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-8**
- + New Data Table...

▼ Info

- Project info 1
- Project info 1
- + New Info...

▼ Results

- Unpaired t test of TNF
- Unpaired t test of TNF
- Unpaired t test of TNF
- Unpaired t test of TNF
- Unpaired t test of TNF
- Unpaired t test of IL-6
- Unpaired t test of IL-6
- Unpaired t test of IL-6
- Unpaired t test of IL-6
- Unpaired t test of IL-6
- Unpaired t test of IL-6
- Unpaired t test of IL-10
- Unpaired t test of IL-10
- Unpaired t test of IL-10
- Unpaired t test of IL-10
- Unpaired t test of IL-10
- Unpaired t test of IL-8**
- Unpaired t test of IL-8**

Family

- IL-8**
 - Unpaired t test
 - Unpaired t test
 - Unpaired t test
 - Unpaired t test

	Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L	Group M	Group N	Group O	Group P
	HP	HP+Feb	P1	P1+Feb	P2	P2+Feb	P3	P3+Feb	LPS	LPS+Feb	Title	Title	Title	Title	Title	Title
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	1293.82	1176.32	42773.56	21099.54	8676.81	7928.11	2957.96	2691.07	79861.38	368284.25						
3	1200.67	1238.34	51904.42	13305.40	7586.18	4919.94	2850.24	2058.00	67961.80	232309.76						
4	998.05	802.34	24511.54	11202.16	5143.30	4510.70	1962.76	1671.08	58329.38	169431.43						
5	Tid															
6	Tid															
7	Tid															
8	Tid															
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28	Tid															
29	Tid															
30	Tid															
31	Tid															
32	Tid															
33	Tid															

IL-8

Row 1, Column RT

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Unpaired t test		
1	Table Analyzed	TNF
2		
3	Column B	HP+Feb
4	vs.	vs.
5	Column A	HP
6		
7	Unpaired t test	
8	P value	0.1288
9	P value summary	ns
10	Significantly different (P < 0.05)?	No
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=1.909, df=4
13		
14	How big is the difference?	
15	Mean of column A	3.463
16	Mean of column B	6.240
17	Difference between means (B - A)	2.777 ± 1.454
18	95% confidence interval	-1.261 to 6.81
19	R squared (eta squared)	0.4769
20		
21	F test to compare variances	
22	F, DFn, Dfd	3.522, 2, 2
23	P value	0.4423
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column A	3
29	Sample size, column B	3
30		
31		
32		
33		

Family >>

- TNF
- Unpaired t test**

SourceDataforFigure4C — Edited

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Unpaired t test		
1	Table Analyzed	TNF
2		
3	Column D	P1+Feb
4	vs.	vs.
5	Column C	P1
6		
7	Unpaired t test	
8	P value	0.0012
9	P value summary	**
10	Significantly different (P < 0.05)?	Yes
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=8.183, df=4
13		
14	How big is the difference?	
15	Mean of column C	72.66
16	Mean of column D	27.31
17	Difference between means (D - C)	-45.35 ± 5.543
18	95% confidence interval	-60.74 to -29.96
19	R squared (eta squared)	0.9436
20		
21	F test to compare variances	
22	F, DFn, Dfd	3.788, 2, 2
23	P value	0.4177
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column C	3
29	Sample size, column D	3
30		
31		
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33		

Unpaired t test of TNF Row 9, Column A

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Unpaired t test		
1	Table Analyzed	TNF
2		
3	Column H	P3+Feb
4	vs.	vs.
5	Column G	P3
6		
7	Unpaired t test	
8	P value	0.1592
9	P value summary	ns
10	Significantly different (P < 0.05)?	No
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=1.727, df=4
13		
14	How big is the difference?	
15	Mean of column G	7.930
16	Mean of column H	5.403
17	Difference between means (H - G)	-2.527 ± 1.463
18	95% confidence interval	-6.589 to 1.53
19	R squared (eta squared)	0.4271
20		
21	F test to compare variances	
22	F, DFn, Dfd	6.172, 2, 2
23	P value	0.2789
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column G	3
29	Sample size, column H	3
30		
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33		

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Unpaired t test		
1	Table Analyzed	TNF
2		
3	Column F	P2+Feb
4	vs.	vs.
5	Column E	P2
6		
7	Unpaired t test	
8	P value	0.0025
9	P value summary	**
10	Significantly different (P < 0.05)?	Yes
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=6.750, df=4
13		
14	How big is the difference?	
15	Mean of column E	33.44
16	Mean of column F	20.63
17	Difference between means (F - E)	-12.81 ± 1.89
18	95% confidence interval	-18.07 to -7.55
19	R squared (eta squared)	0.9193
20		
21	F test to compare variances	
22	F, DFn, Dfd	12.43, 2, 2
23	P value	0.1489
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column E	3
29	Sample size, column F	3
30		
31		
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- TNF

Unpaired t test		
1	Table Analyzed	TNF
2		
3	Column J	LPS+Feb
4	vs.	vs.
5	Column I	LPS
6		
7	Unpaired t test	
8	P value	0.0053
9	P value summary	**
10	Significantly different (P < 0.05)?	Yes
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=5.499, df=4
13		
14	How big is the difference?	
15	Mean of column I	621.1
16	Mean of column J	975.3
17	Difference between means (J - I) ±	354.1 ± 64.40
18	95% confidence interval	175.3 to 532.5
19	R squared (eta squared)	0.8832
20		
21	F test to compare variances	
22	F, DFn, Dfd	1.018, 2, 2
23	P value	0.9912
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column I	3
29	Sample size, column J	3
30		
31		
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Unpaired t test		
1	Table Analyzed	IL-6
2		
3	Column B	HP+Feb
4	vs.	vs.
5	Column A	HP
6		
7	Unpaired t test	
8	P value	0.9966
9	P value summary	ns
10	Significantly different (P < 0.05)?	No
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=0.004584, d
13		
14	How big is the difference?	
15	Mean of column A	1.460
16	Mean of column B	1.453
17	Difference between means (B - A)	-0.006667 ± 1
18	95% confidence interval	-4.044 to 4.03
19	R squared (eta squared)	5.254e-006
20		
21	F test to compare variances	
22	F, DFn, Dfd	802.1, 2, 2
23	P value	0.0025
24	P value summary	**
25	Significantly different (P < 0.05)?	Yes
26		
27	Data analyzed	
28	Sample size, column A	3
29	Sample size, column B	3
30		
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Family >>

- IL-6
- Unpaired t test
- IL-6

Unpaired t test		
1	Table Analyzed	IL-6
2		
3	Column D	P1+Feb
4	vs.	vs.
5	Column C	P1
6		
7	Unpaired t test	
8	P value	0.0482
9	P value summary	*
10	Significantly different (P < 0.05)?	Yes
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=2.812, df=4
13		
14	How big is the difference?	
15	Mean of column C	209.3
16	Mean of column D	142.4
17	Difference between means (D - C)	-66.93 ± 23.80
18	95% confidence interval	-133.0 to -0.8
19	R squared (eta squared)	0.6641
20		
21	F test to compare variances	
22	F, DFn, Dfd	1.814, 2, 2
23	P value	0.7108
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column C	3
29	Sample size, column D	3
30		
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- IL-6
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Unpaired t test		
1	Table Analyzed	IL-6
2		
3	Column F	P2+Feb
4	vs.	vs.
5	Column E	P2
6		
7	Unpaired t test	
8	P value	0.9610
9	P value summary	ns
10	Significantly different (P < 0.05)?	No
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=0.05203, df=
13		
14	How big is the difference?	
15	Mean of column E	34.84
16	Mean of column F	35.14
17	Difference between means (F - E)	0.3033 ± 5.83
18	95% confidence interval	-15.88 to 16.4
19	R squared (eta squared)	0.0006764
20		
21	F test to compare variances	
22	F, DFn, Dfd	3.787, 2, 2
23	P value	0.4178
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column E	3
29	Sample size, column F	3
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Unpaired t test		
1	Table Analyzed	IL-6
2		
3	Column H	P3+Feb
4	vs.	vs.
5	Column G	P3
6		
7	Unpaired t test	
8	P value	0.0871
9	P value summary	ns
10	Significantly different (P < 0.05)?	No
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=2.255, df=4
13		
14	How big is the difference?	
15	Mean of column G	8.360
16	Mean of column H	4.913
17	Difference between means (H - G)	-3.447 ± 1.528
18	95% confidence interval	-7.690 to 0.79
19	R squared (eta squared)	0.5597
20		
21	F test to compare variances	
22	F, DFn, Dfd	2.160, 2, 2
23	P value	0.6329
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column G	3
29	Sample size, column H	3
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- IL-6
- Unpaired t test**

Unpaired t test		
1	Table Analyzed	IL-6
2		
3	Column J	LPS+Feb
4	vs.	vs.
5	Column I	LPS
6		
7	Unpaired t test	
8	P value	0.0606
9	P value summary	ns
10	Significantly different (P < 0.05)?	No
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=2.592, df=4
13		
14	How big is the difference?	
15	Mean of column I	2384
16	Mean of column J	3200
17	Difference between means (J - I) ±	815.8 ± 314.8
18	95% confidence interval	-58.08 to 1690
19	R squared (eta squared)	0.6268
20		
21	F test to compare variances	
22	F, DFn, Dfd	2.728, 2, 2
23	P value	0.5365
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column I	3
29	Sample size, column J	3
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Unpaired t test		
1	Table Analyzed	IL-10
2		
3	Column B	HP+Feb
4	vs.	vs.
5	Column A	HP
6		
7	Unpaired t test	
8	P value	0.3739
9	P value summary	ns
10	Significantly different (P < 0.05)?	No
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=1.000, df=4
13		
14	How big is the difference?	
15	Mean of column A	0.4233
16	Mean of column B	0.000
17	Difference between means (B - A)	-0.4233 ± 0.42
18	95% confidence interval	-1.599 to 0.75
19	R squared (eta squared)	0.2000
20		
21	F test to compare variances	
22	F, DFn, Dfd	Infinity, 2, 2
23	P value	<0.0001
24	P value summary	****
25	Significantly different (P < 0.05)?	Yes
26		
27	Data analyzed	
28	Sample size, column A	3
29	Sample size, column B	3
30		
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- IL-10
- Unpaired t test**

Unpaired t test		
1	Table Analyzed	IL-10
2		
3	Column D	P1+Feb
4	vs.	vs.
5	Column C	P1
6		
7	Unpaired t test	
8	P value	0.0744
9	P value summary	ns
10	Significantly different (P < 0.05)?	No
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=2.400, df=4
13		
14	How big is the difference?	
15	Mean of column C	4.373
16	Mean of column D	2.453
17	Difference between means (D - C)	-1.920 ± 0.800
18	95% confidence interval	-4.141 to 0.30
19	R squared (eta squared)	0.5901
20		
21	F test to compare variances	
22	F, DFn, Dfd	1.387, 2, 2
23	P value	0.8377
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column C	3
29	Sample size, column D	3
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Clipboard icons: Analyze, Paste, Copy, Undo, Redo, New

Text formatting: Bold, Italic, Underline, Text color, Background color, Font size (13), Arial

Export: Print, Send, LA, Help

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Unpaired t test		
1	Table Analyzed	IL-10
2		
3	Column F	P2+Feb
4	vs.	vs.
5	Column E	P2
6		
7	Unpaired t test	
8	P value	0.3127
9	P value summary	ns
10	Significantly different (P < 0.05)?	No
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=1.154, df=4
13		
14	How big is the difference?	
15	Mean of column E	1.890
16	Mean of column F	1.150
17	Difference between means (F - E)	-0.7400 ± 0.64
18	95% confidence interval	-2.520 to 1.04
19	R squared (eta squared)	0.2498
20		
21	F test to compare variances	
22	F, DFn, Dfd	4.113, 2, 2
23	P value	0.3911
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column E	3
29	Sample size, column F	3
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Unpaired t test		
1	Table Analyzed	IL-10
2		
3	Column H	P3+Feb
4	vs.	vs.
5	Column G	P3
6		
7	Unpaired t test	
8	P value	0.9023
9	P value summary	ns
10	Significantly different (P < 0.05)?	No
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=0.1308, df=
13		
14	How big is the difference?	
15	Mean of column G	0.4233
16	Mean of column H	0.5100
17	Difference between means (H - G)	0.08667 ± 0.6
18	95% confidence interval	-1.754 to 1.92
19	R squared (eta squared)	0.004256
20		
21	F test to compare variances	
22	F, DFn, Dfd	1.451, 2, 2
23	P value	0.8159
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column G	3
29	Sample size, column H	3
30		
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32		
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- Family >>
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Family >>

- IL-10
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- IL-10

Unpaired t test		
1	Table Analyzed	IL-10
2		
3	Column J	LPS+Feb
4	vs.	vs.
5	Column I	LPS
6		
7	Unpaired t test	
8	P value	0.0454
9	P value summary	*
10	Significantly different (P < 0.05)?	Yes
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=2.872, df=4
13		
14	How big is the difference?	
15	Mean of column I	17.39
16	Mean of column J	27.16
17	Difference between means (J - I) ±	9.773 ± 3.403
18	95% confidence interval	0.3243 to 19.2
19	R squared (eta squared)	0.6734
20		
21	F test to compare variances	
22	F, DFn, Dfd	2.818, 2, 2
23	P value	0.5239
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column I	3
29	Sample size, column J	3
30		
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Family >>

- IL-8
- Unpaired t test

Unpaired t test		
1	Table Analyzed	IL-8
2		
3	Column B	HP+Feb
4	vs.	vs.
5	Column A	HP
6		
7	Unpaired t test	
8	P value	0.6005
9	P value summary	ns
10	Significantly different (P < 0.05)?	No
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=0.5678, df=4
13		
14	How big is the difference?	
15	Mean of column A	1164
16	Mean of column B	1072
17	Difference between means (B - A)	-91.85 ± 161.8
18	95% confidence interval	-541.0 to 357.
19	R squared (eta squared)	0.07458
20		
21	F test to compare variances	
22	F, DFn, Dfd	2.433, 2, 2
23	P value	0.5826
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column A	3
29	Sample size, column B	3
30		
31		
32		
33		

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Unpaired t test		
1	Table Analyzed	IL-8
2		
3	Column D	P1+Feb
4	vs.	vs.
5	Column C	P1
6		
7	Unpaired t test	
8	P value	0.0463
9	P value summary	*
10	Significantly different (P < 0.05)?	Yes
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=2.853, df=4
13		
14	How big is the difference?	
15	Mean of column C	39730
16	Mean of column D	15202
17	Difference between means (D - C)	-24527 ± 8597
18	95% confidence interval	-48397 to -6507
19	R squared (eta squared)	0.6705
20		
21	F test to compare variances	
22	F, DFn, Dfd	7.155, 2, 2
23	P value	0.2452
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column C	3
29	Sample size, column D	3
30		
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Unpaired t test		
1	Table Analyzed	IL-8
2		
3	Column F	P2+Feb
4	vs.	vs.
5	Column E	P2
6		
7	Unpaired t test	
8	P value	0.4195
9	P value summary	ns
10	Significantly different (P < 0.05)?	No
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=0.8990, df=4
13		
14	How big is the difference?	
15	Mean of column E	7135
16	Mean of column F	5786
17	Difference between means (F - E)	-1349 ± 1501
18	95% confidence interval	-5516 to 2817
19	R squared (eta squared)	0.1681
20		
21	F test to compare variances	
22	F, DFn, Dfd	1.064, 2, 2
23	P value	0.9691
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column E	3
29	Sample size, column F	3
30		
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T T A A B I U X² X₂

txt sum

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	Unpaired t test	
1	Table Analyzed	IL-8
2		
3	Column H	P3+Feb
4	vs.	vs.
5	Column G	P3
6		
7	Unpaired t test	
8	P value	0.3575
9	P value summary	ns
10	Significantly different (P < 0.05)?	No
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=1.039, df=4
13		
14	How big is the difference?	
15	Mean of column G	2590
16	Mean of column H	2140
17	Difference between means (H - G)	-450.3 ± 433.4
18	95% confidence interval	-1653 to 752.5
19	R squared (eta squared)	0.2125
20		
21	F test to compare variances	
22	F, DFn, Dfd	1.125, 2, 2
23	P value	0.9412
24	P value summary	ns
25	Significantly different (P < 0.05)?	No
26		
27	Data analyzed	
28	Sample size, column G	3
29	Sample size, column H	3
30		
31		
32		
33		

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Unpaired t test of IL-8 Row 1, Column A

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Unpaired t test		
1	Table Analyzed	IL-8
2		
3	Column J	LPS+Feb
4	vs.	vs.
5	Column I	LPS
6		
7	Unpaired t test	
8	P value	0.0334
9	P value summary	*
10	Significantly different (P < 0.05)?	Yes
11	One- or two-tailed P value?	Two-tailed
12	t, df	t=3.185, df=4
13		
14	How big is the difference?	
15	Mean of column I	68718
16	Mean of column J	256675
17	Difference between means (J - I) ±	187958 ± 590
18	95% confidence interval	24114 to 3518
19	R squared (eta squared)	0.7172
20		
21	F test to compare variances	
22	F, DFn, Dfd	88.80, 2, 2
23	P value	0.0223
24	P value summary	*
25	Significantly different (P < 0.05)?	Yes
26		
27	Data analyzed	
28	Sample size, column I	3
29	Sample size, column J	3
30		
31		
32		
33		