

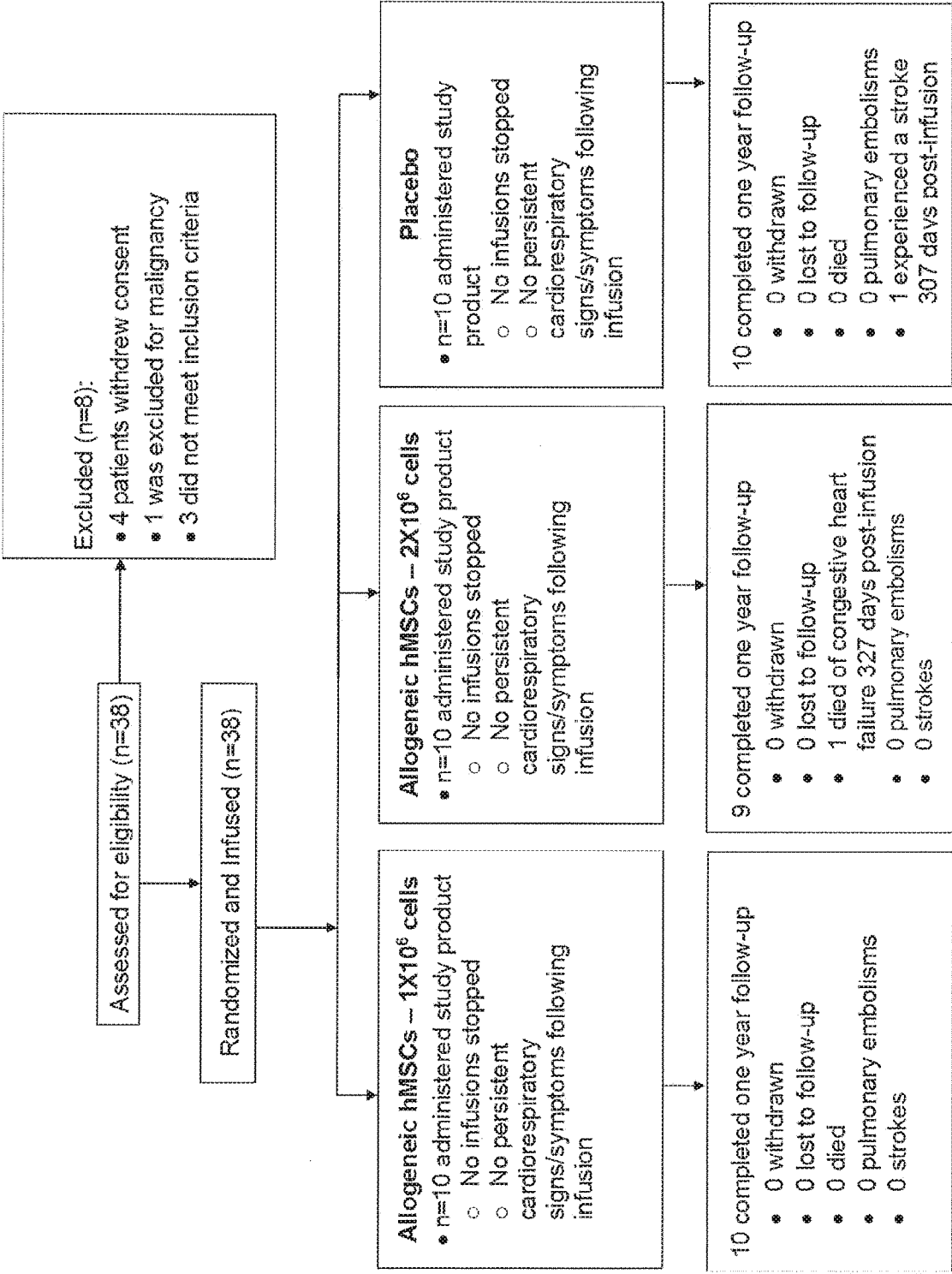


FIG. 1

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Characteristic	Treatment Group			Total n=30
	Allo-100M n=10	Allo-200M n=10	Placebo n=10	
Sex				
Male	6 (60%)	6 (60%)	6 (60%)	18 (60%)
Female	4 (40%)	4 (40%)	4 (40%)	12 (40%)
Race				
American Indian/Alaskan Native	0 (0.0%)	1 (10.0%)	0 (0.0%)	1 (3.3%)
Asian	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Hawaiian/Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Black or African American	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
White	10 (100.0%)	9 (90.0%)	10 (100.0%)	29 (96.7%)
More than One Race	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Other, Specify	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Unknown	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Not Answered	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Age at infusion in years				
Mean	75 ± 7.4	75.3 ± 8.4	75.3 ± 6.8	75.5 ± 7.3
Infusion Status				
Canadian Clinical Frailty Scale	10 (100.0%)	10 (100.0%)	10 (100.0%)	30 (100.0%)
4	5 (50.0%)	7 (70.0%)	5 (50.0%)	17 (56.7%)
5	3 (30.0%)	1 (10.0%)	5 (50.0%)	9 (30.0%)
6	2 (20.0%)	2 (20.0%)	0 (0.0%)	4 (13.3%)
7	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Mini Mental State Examination				
Mean	29.3 ± 0.8	28.5 ± 1.1	29.5 ± 1.0	29.1 ± 1.0
Hemoglobin Level (g/dL)				
Mean	14.1 ± 1.2	13.5 ± 1.3	14.3 ± 1.2	14.0 ± 1.3
White Blood Cell Count (cells/mm³)				
Mean	7160.0 ± 2437.8	6600.0 ± 1303.8	7070.0 ± 2214.6	6943.3 ± 1989.1
AST (U/L)				
Mean	24.5 ± 7.6	20.7 ± 3.6	29.3 ± 11.1	24.8 ± 8.5
Six Minute Walk Test Distance (meters)				
Mean	345.9 ± 103.4	390.6 ± 148.9	385.8 ± 83.1	374.1 ± 112.9
FEV1 (Liters)				
Mean	2.5 ± 0.7	2.3 ± 0.9	2.3 ± 0.5	2.4 ± 0.7

FIG. 2

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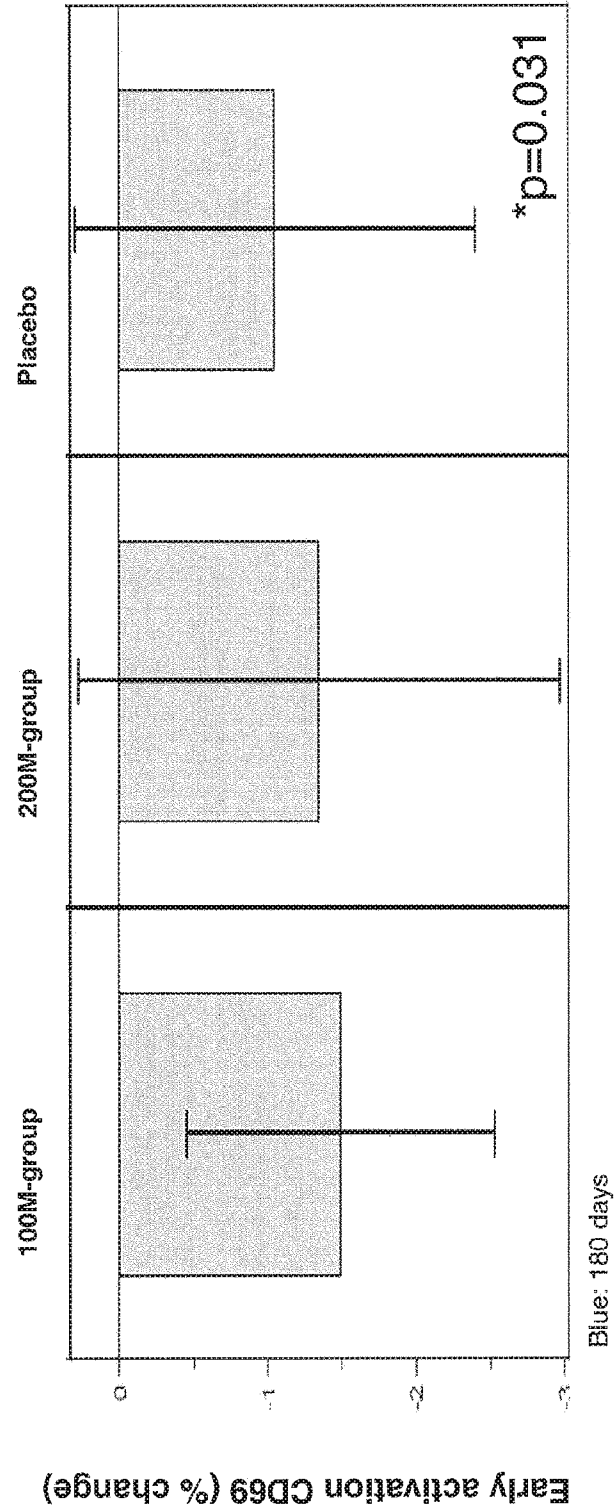


FIG. 3

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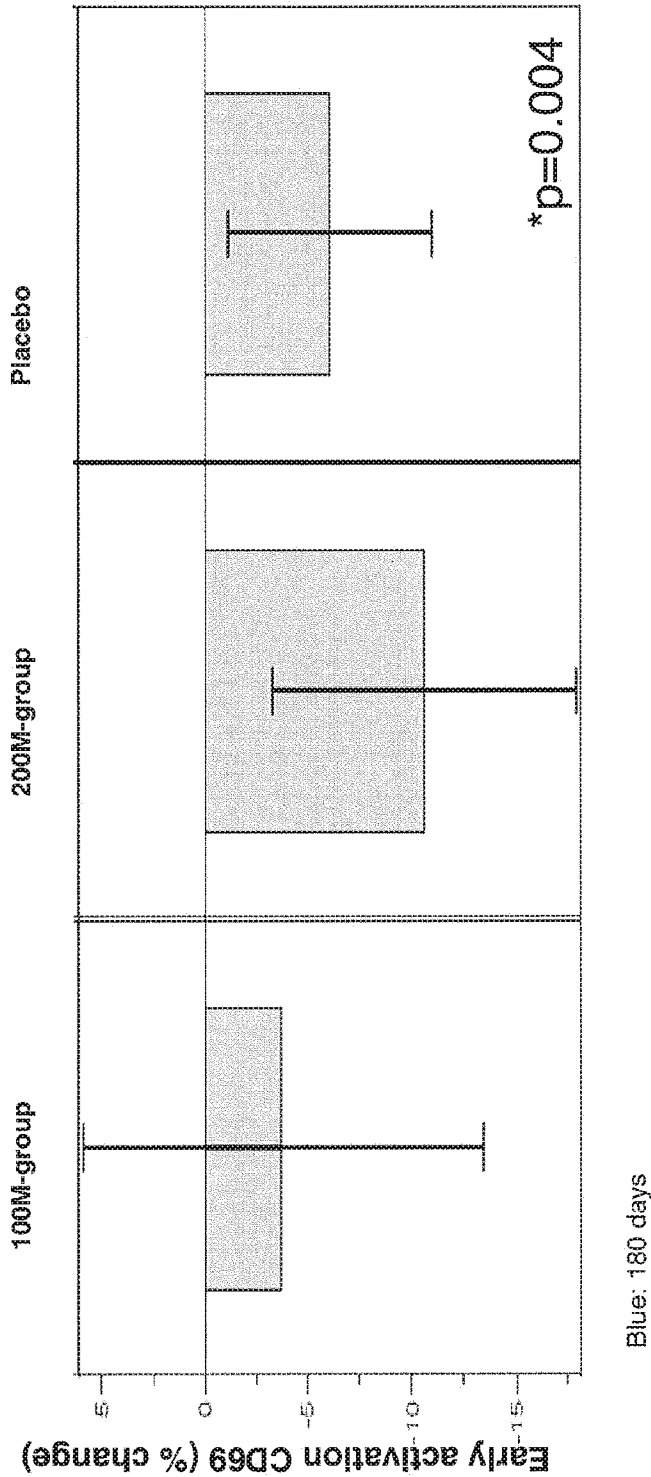


FIG. 4

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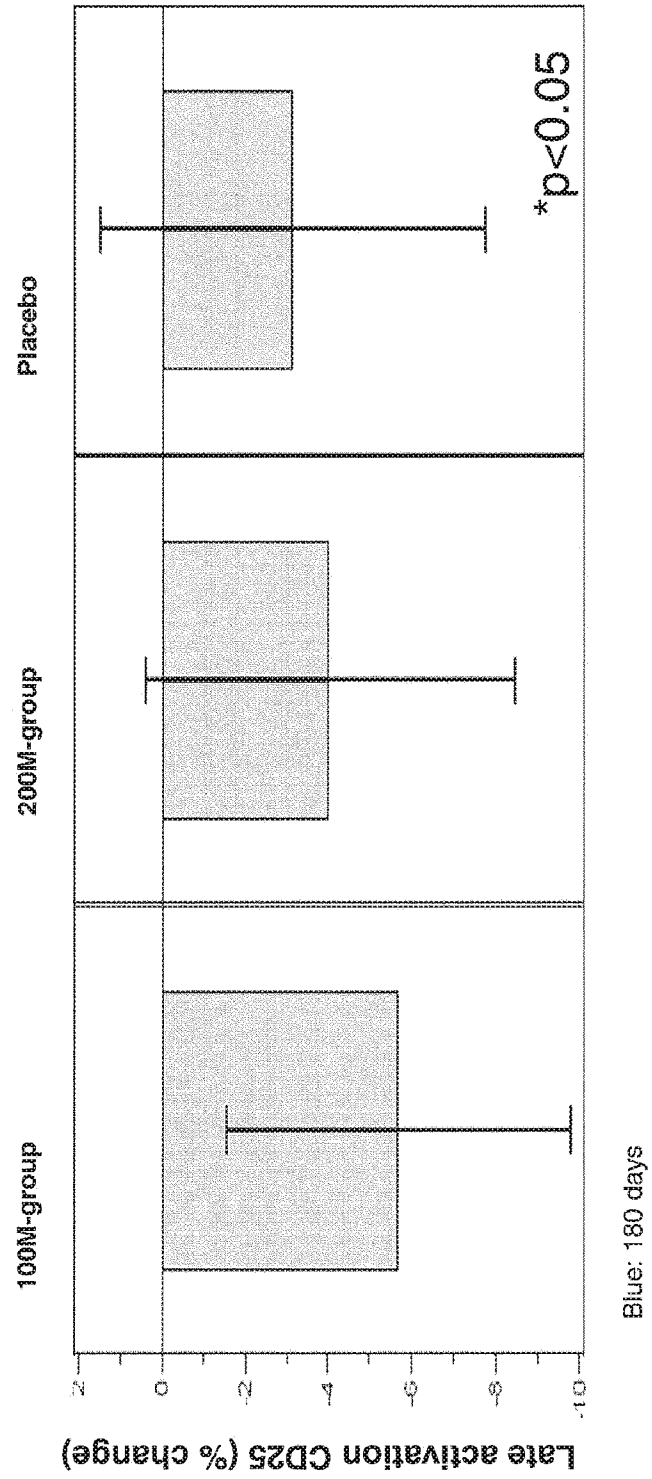


FIG. 5

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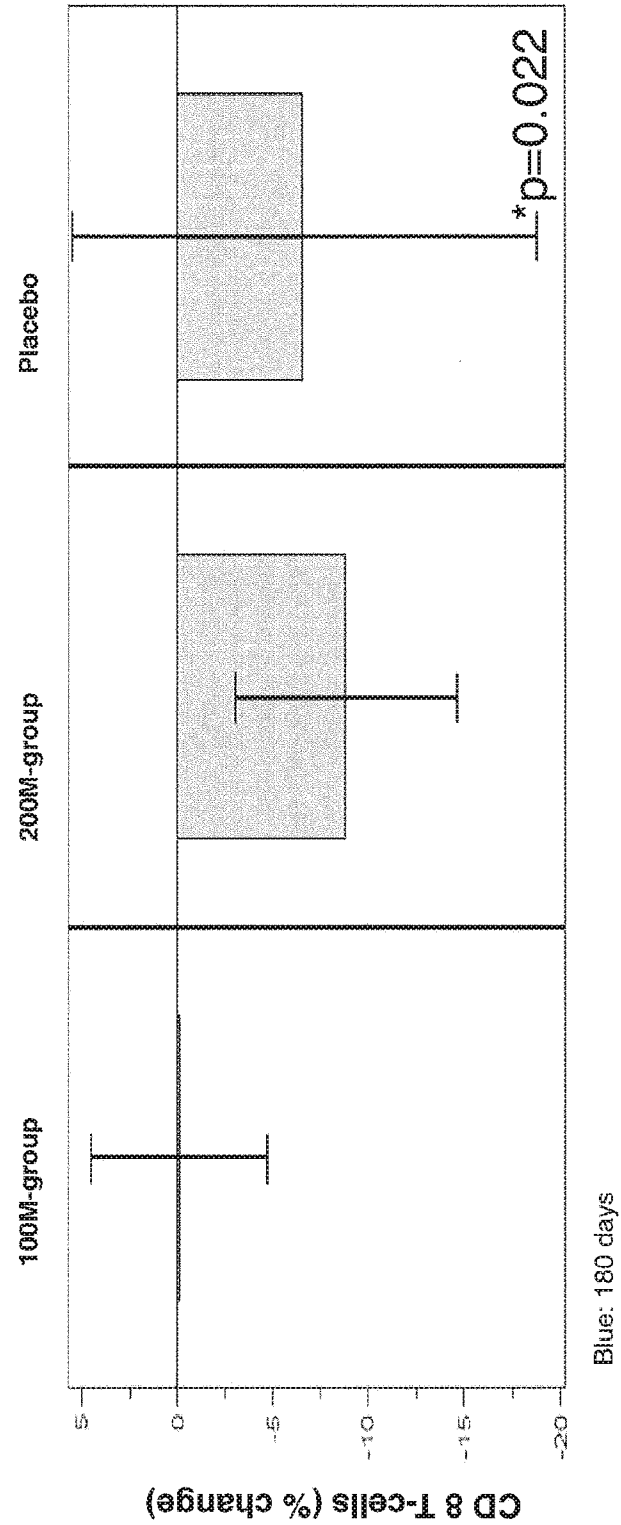


FIG. 6

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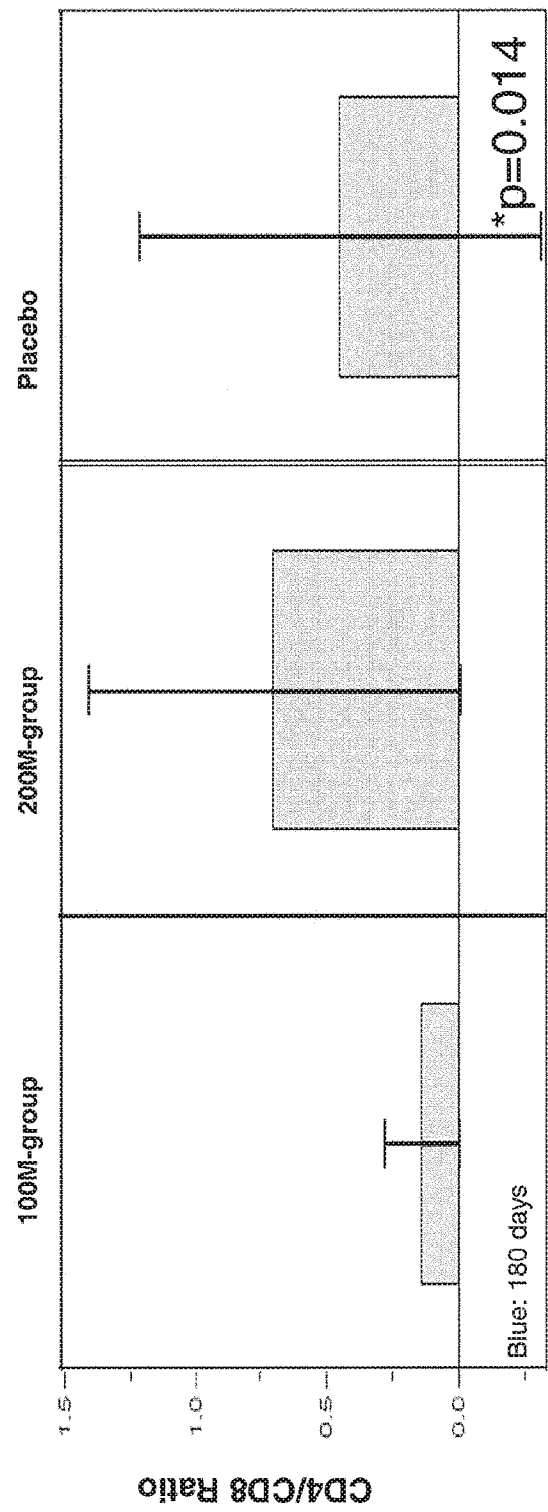


FIG. 7

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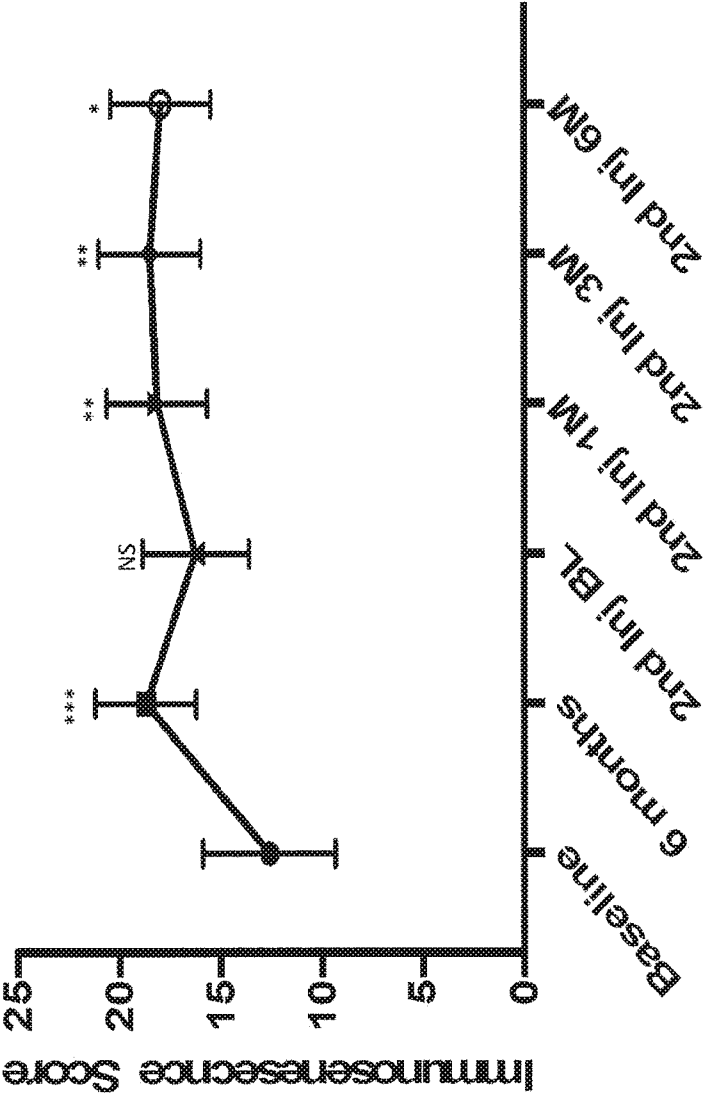
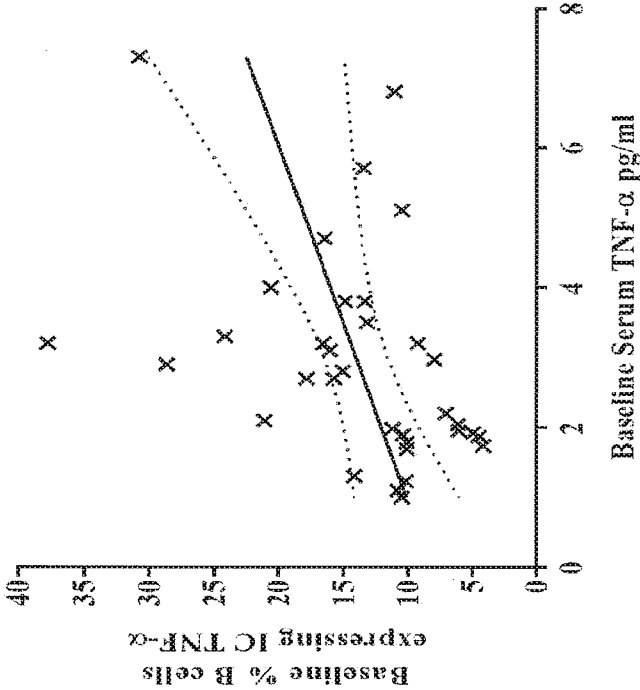


FIG. 8

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Correlation between Baseline Serum TNF-α and Baseline B cell Expressing IC TNF-α

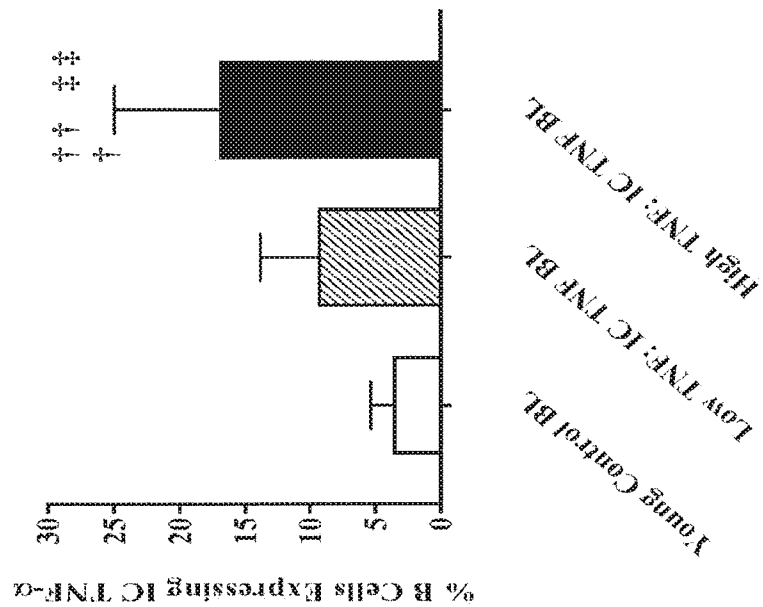


$R^2 = 0.16$, $p=0.02$

FIG. 9

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Baseline B cells Expressing IC TNF-α

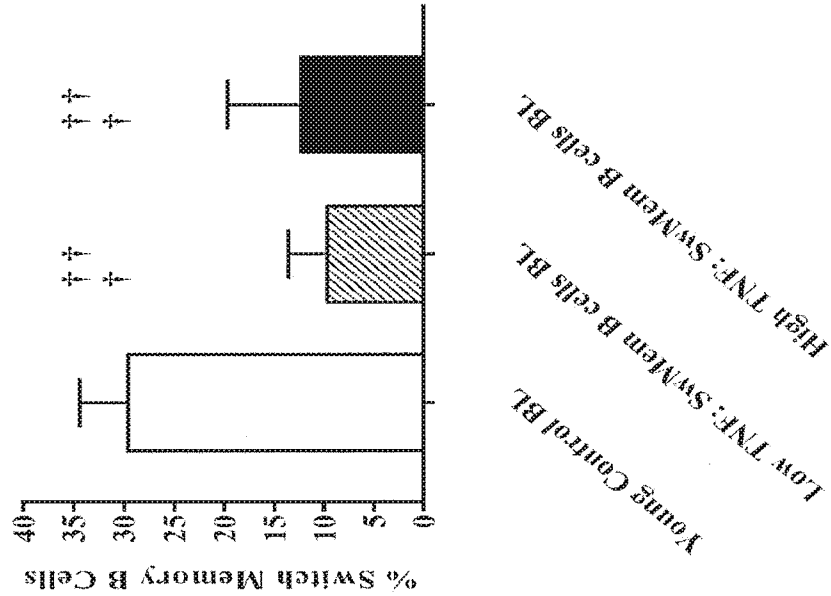


††† p≤0.0001 compared to young control;
‡‡‡ p≤0.0001 compared to low TNF-α.

FIG. 10

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Baseline Switch Memory B Cells



††† p<0.0001 compared to young control.

FIG. 11

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Baseline Exhausted B cells

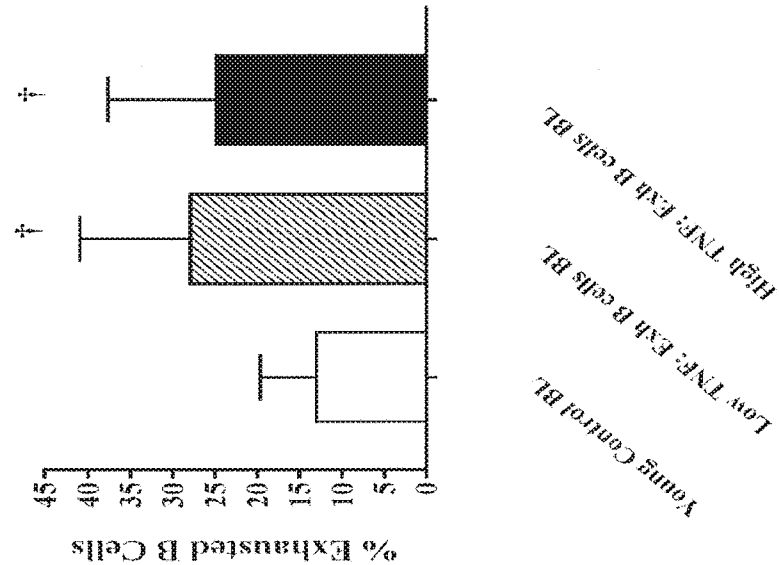


FIG. 12 † p≤0.05compared to young control.

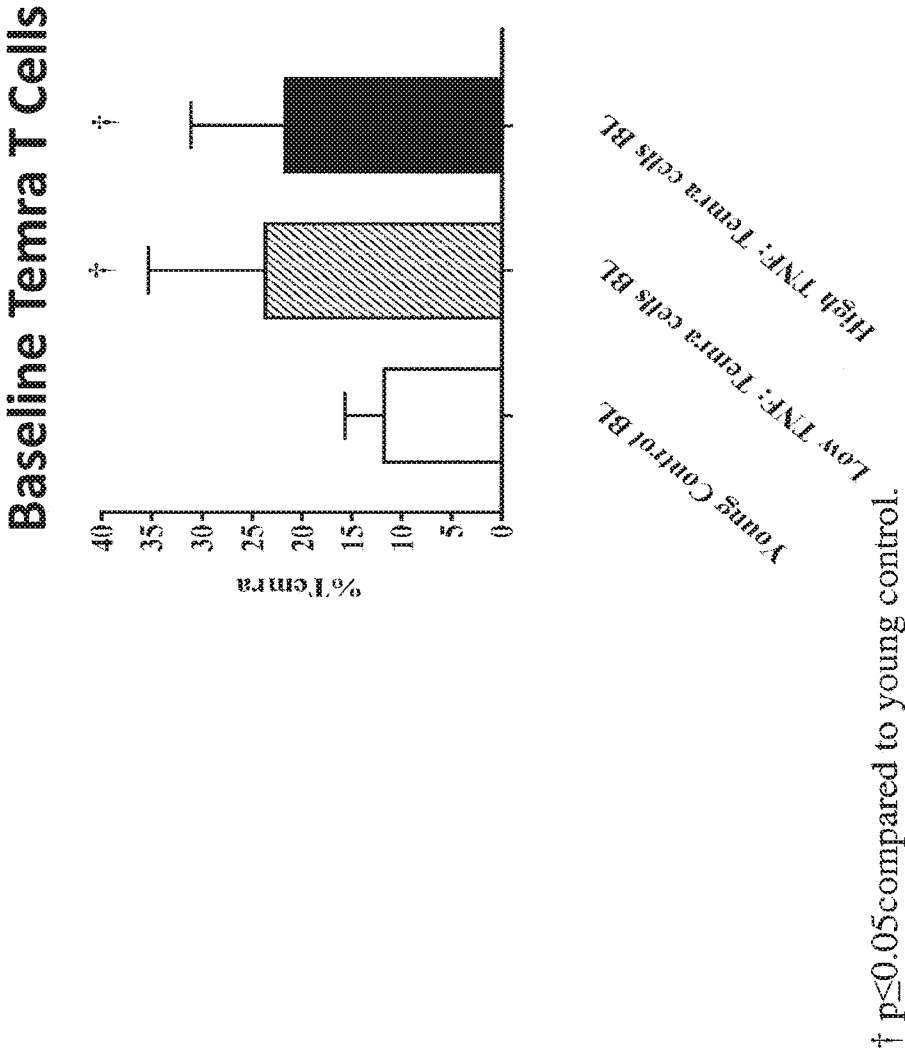


FIG. 13

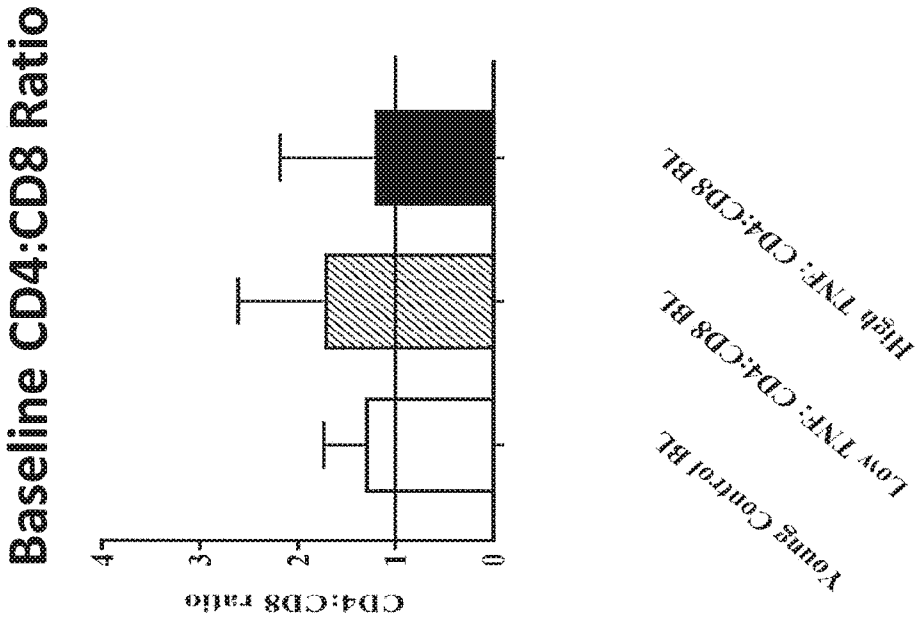


FIG. 14

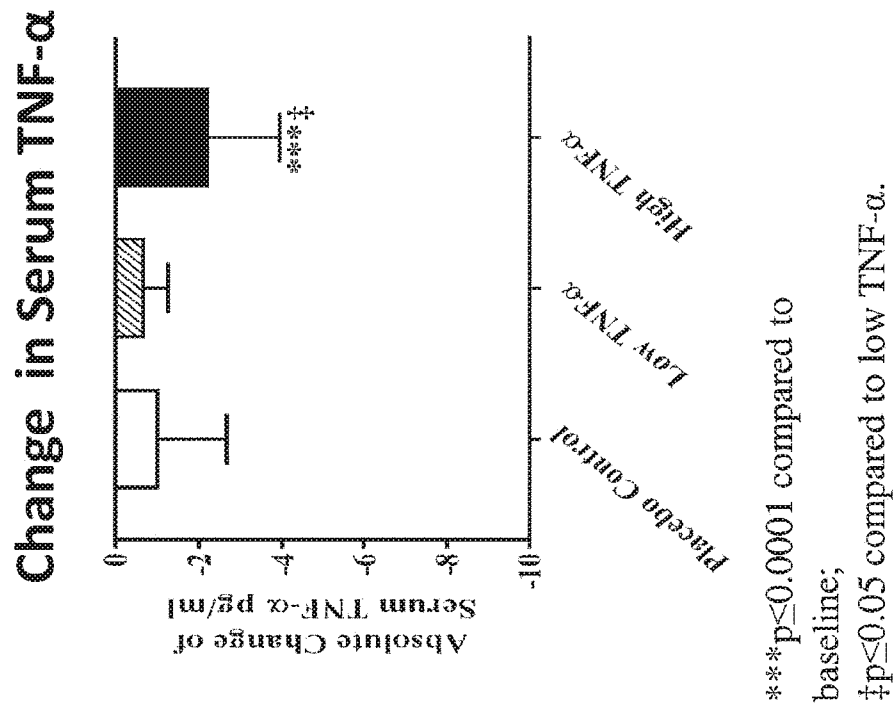
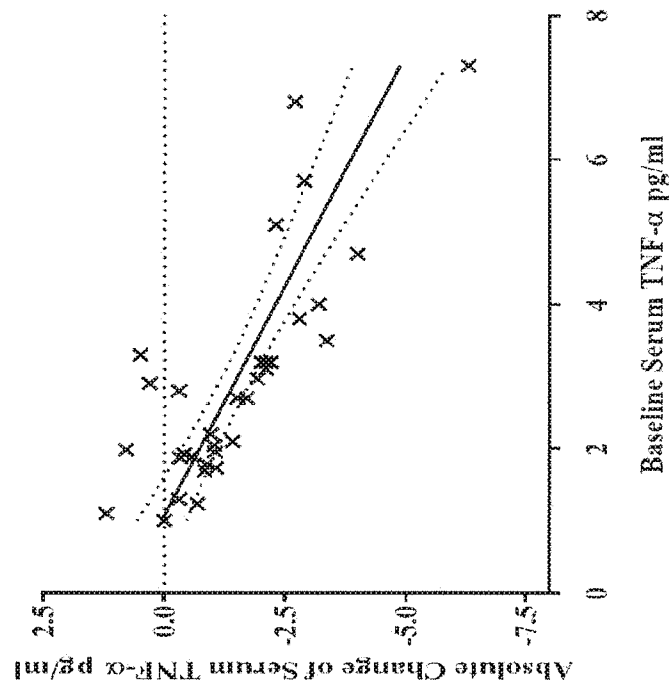


FIG. 15

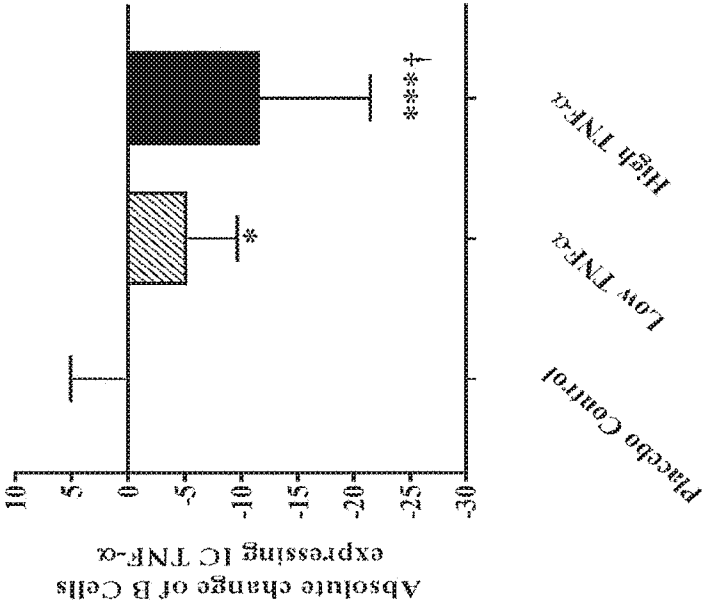
Correlation between Baseline Serum TNF-α and Change in Serum TNF-α



$R^2 = 0.65$, $p < 0.0001$

FIG. 16

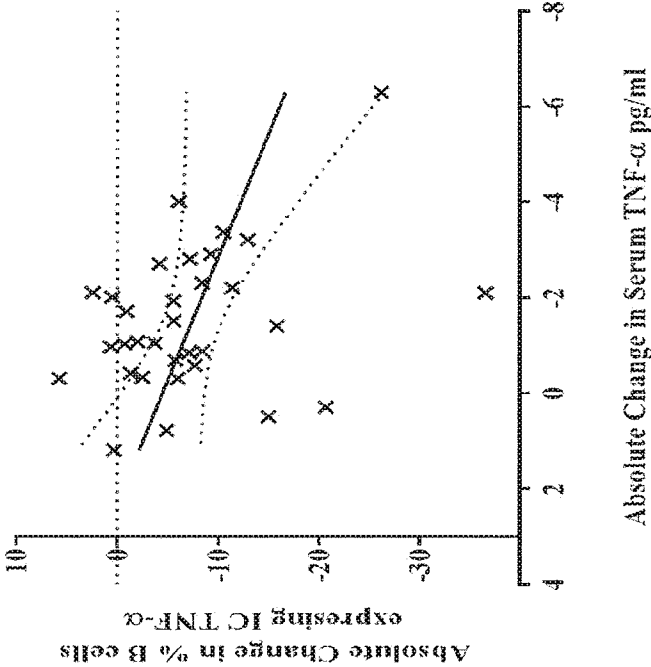
Change in B cells Expressing IC TNF-α



***p<0.0001 compared to baseline;
† p<0.05 compared to placebo.

FIG. 17

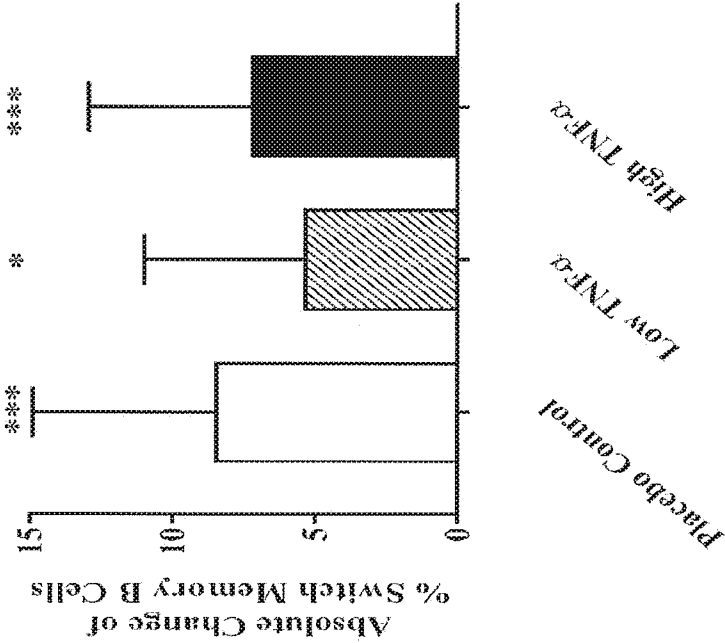
Correlation between Serum TNF- α and Change in B Cells Expressing IC TNF- α



$R^2 = 0.12, p=0.053$

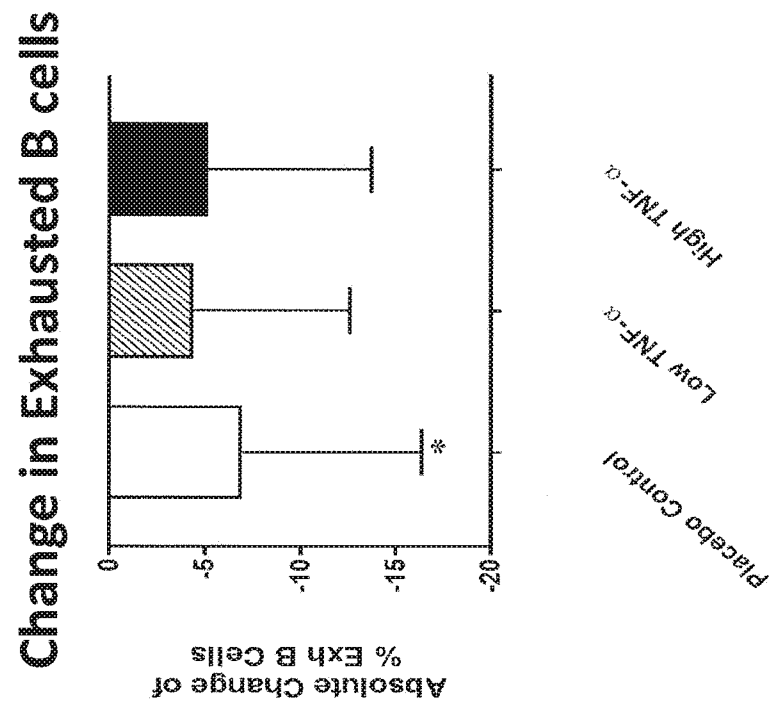
FIG. 18

Change in Switch Memory B Cells



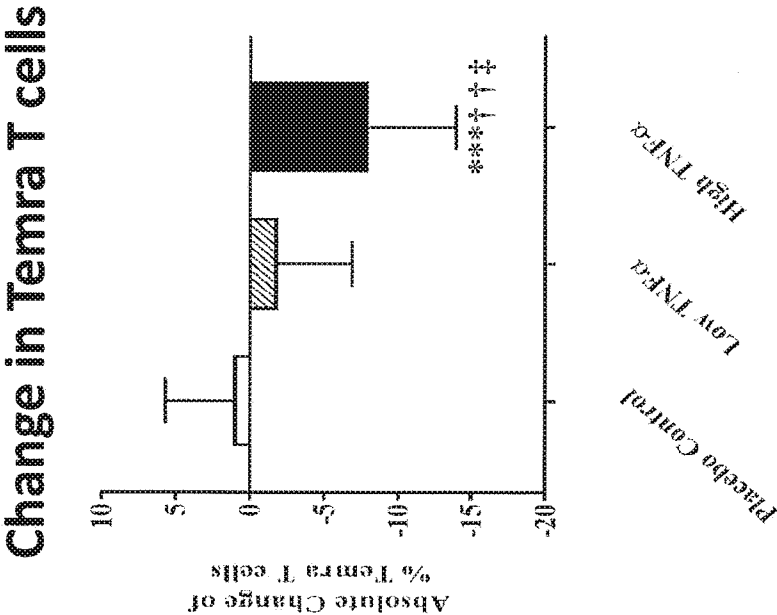
* $p \leq 0.05$ compared to baseline;
*** $p \leq 0.0001$ compared to baseline;

FIG. 19



*p $\leq$ 0.05 compared to baseline.

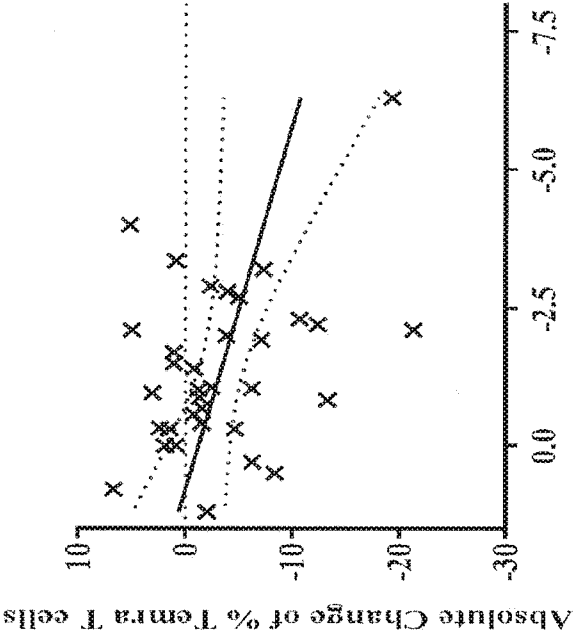
FIG. 20



***p≤0.0001 compared to baseline;
†p≤0.005 compared to placebo;
‡p≤0.05 compared to low TNF-α.

FIG. 21

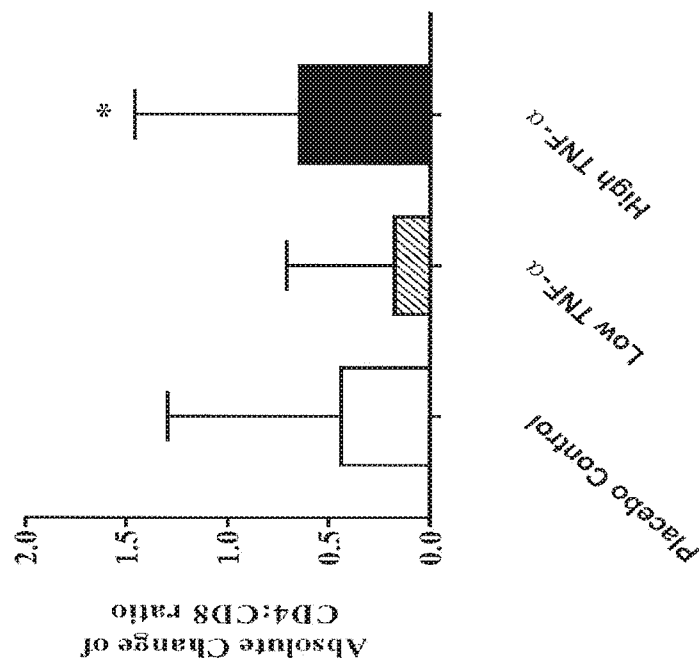
Correlation between Change in Serum TNF-α and Change in Temra T Cells



Absolute Change of Serum TNF-α pg/ml
 $R^2 = 0.13$, $p=0.04$

FIG. 22

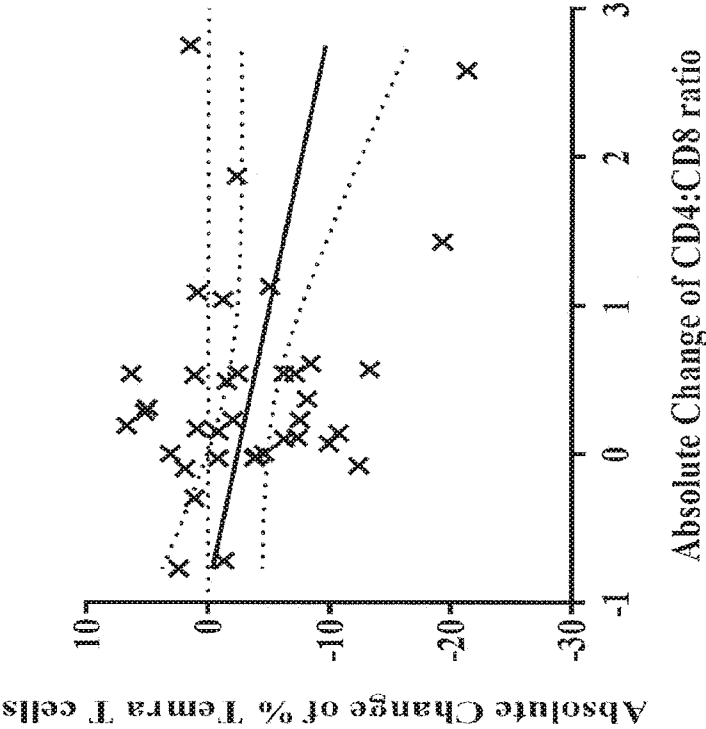
Change in Immune Risk Phenotype (CD4:CD8 ratio)



*p≤0.05 compared to baseline.

FIG. 23

Correlation between Change in CD4:CD8 ratio and Change in Temra T cells



$R^2 = 0.09$, $p=0.07$

FIG. 24