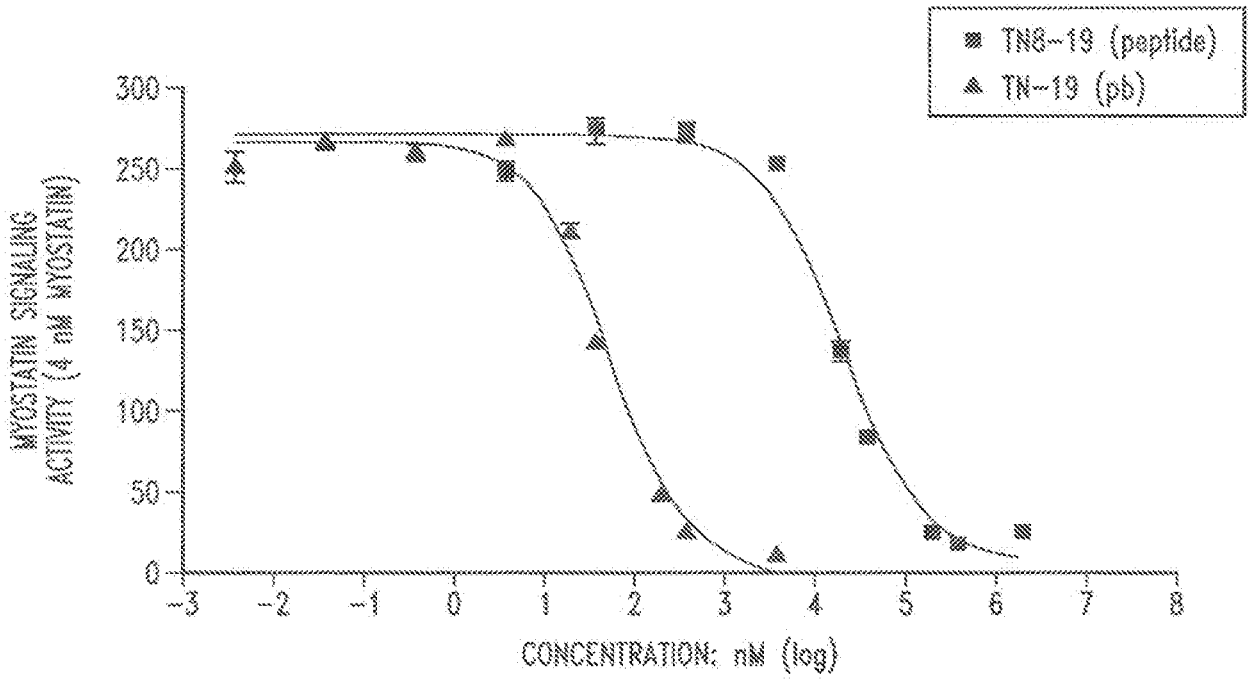

TN8-19 (peptide)
TN-19 (pb)
MYOSTATIN SIGNALING ACTIVITY (4 nM MYOSTATIN)
300
250
200
150
100
50
0
-3
-2
-1
0
1
2
3
4
5
6
7
8
CONCENTRATION: nM (log)

Fig. 1

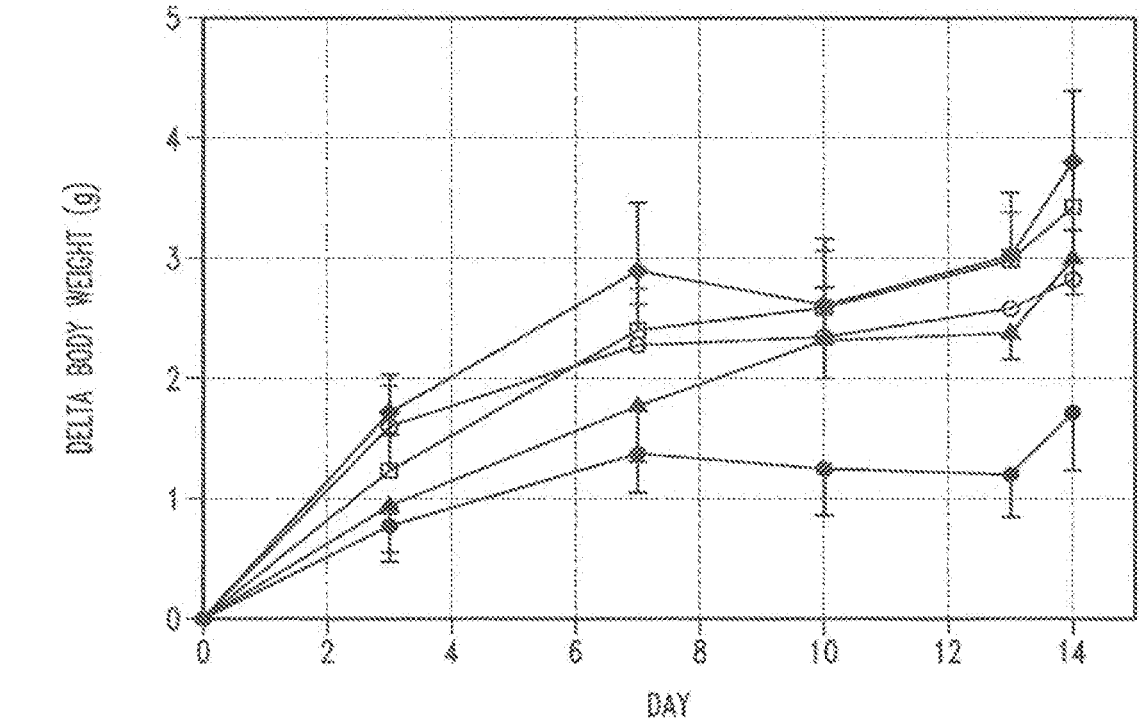

DELTA BODY WEIGHT (g)
0
1
2
3
4
5
0
2
4
6
8
10
12
14
DAY
HuFc (2/wk)
1mpk (2/wk)
3mpk (2/wk)
10mpk(2/wk)
10mpk(1/wk)

Fig. 2

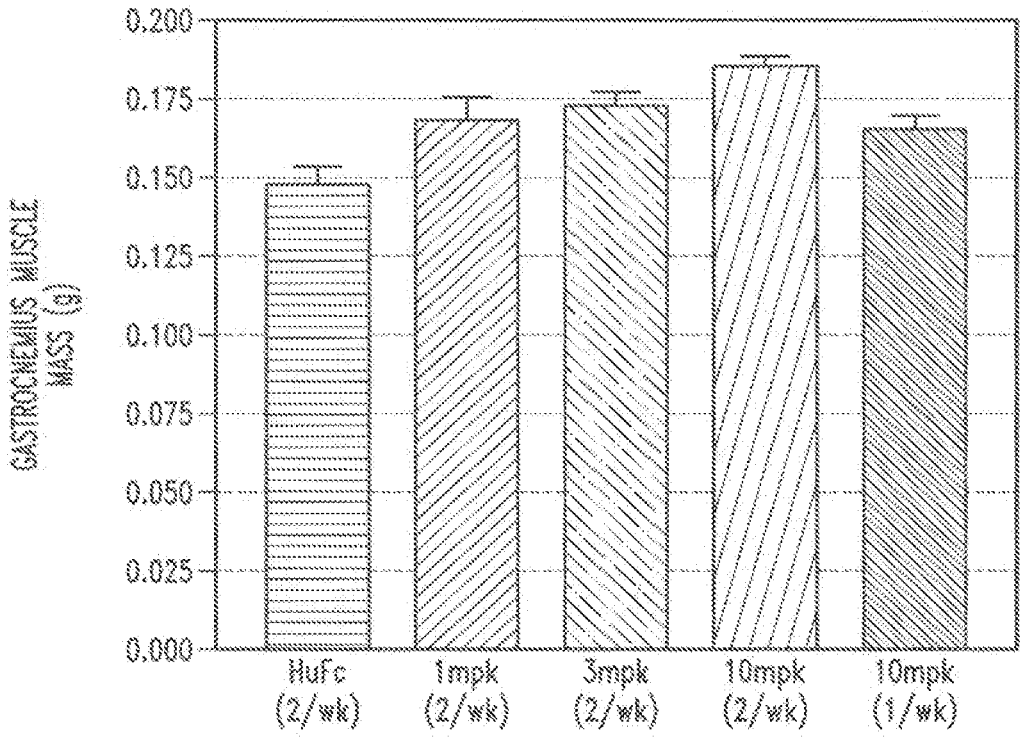

GASTROCNEMIUS MUSCLE MASS (g)
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025
0.000
HuFc (2/wk)
1mpk (2/wk)
3mpk (2/wk)
10mpk (2/wk)
10mpk (1/wk)

Fig. 3A

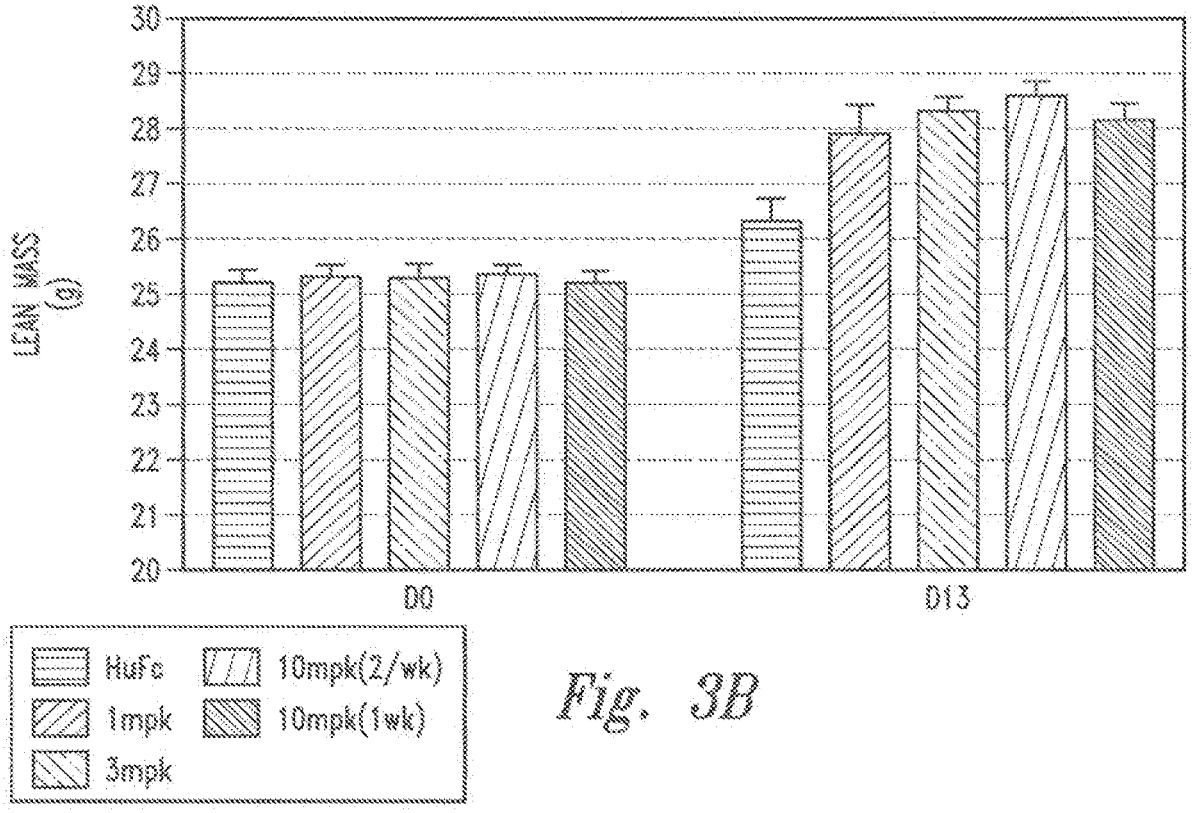

LEAN MASS (g)
30
29
28
27
26
25
24
23
22
21
20
D0
D13
HuFc
1mpk
3mpk
10mpk(2/wk)
10mpk(1wk)

Fig. 3B

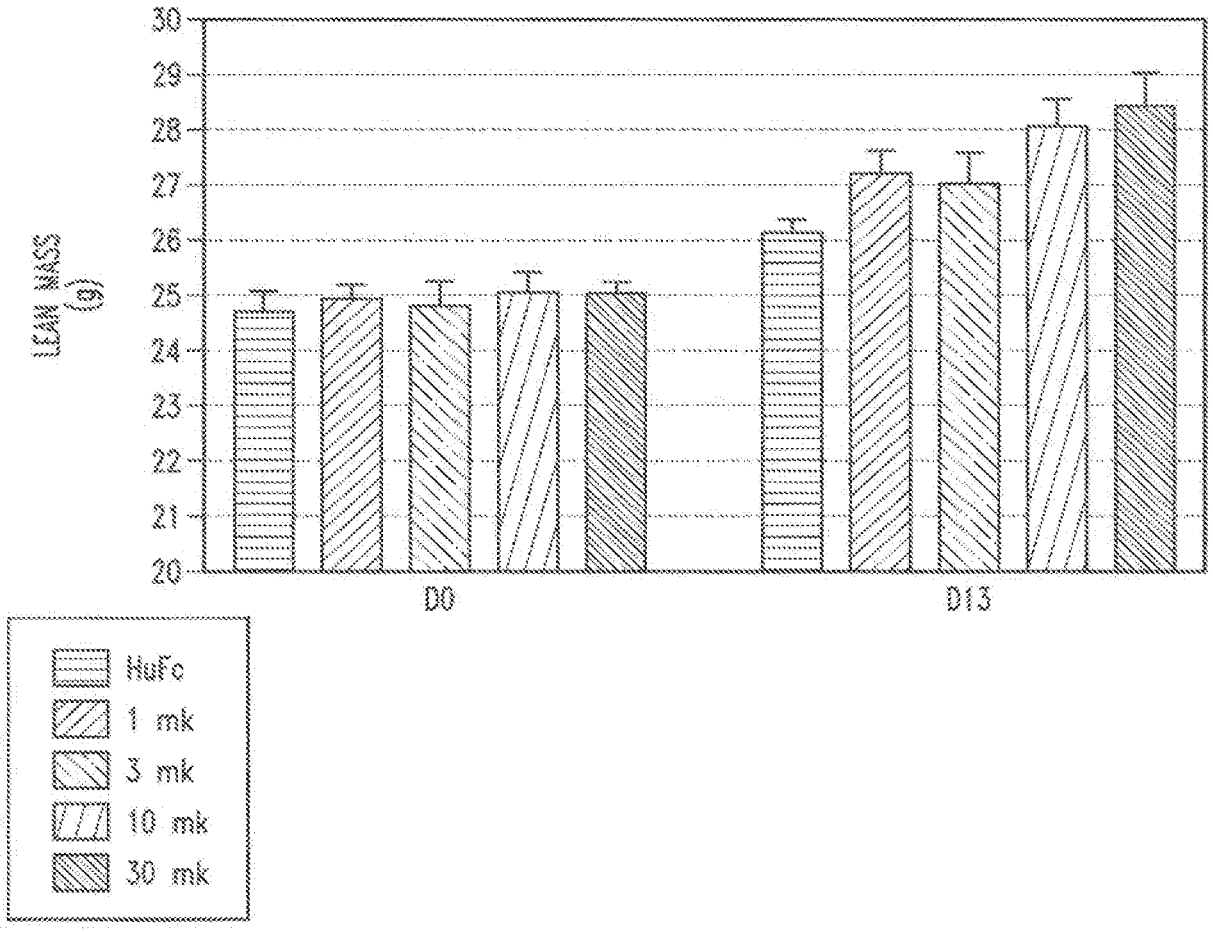

LEAN MASS (g)
30
29
28
27
26
25
24
23
22
21
20
D0
D13
HuFc
1 mk
3 mk
10 mk
30 mk

Fig. 4

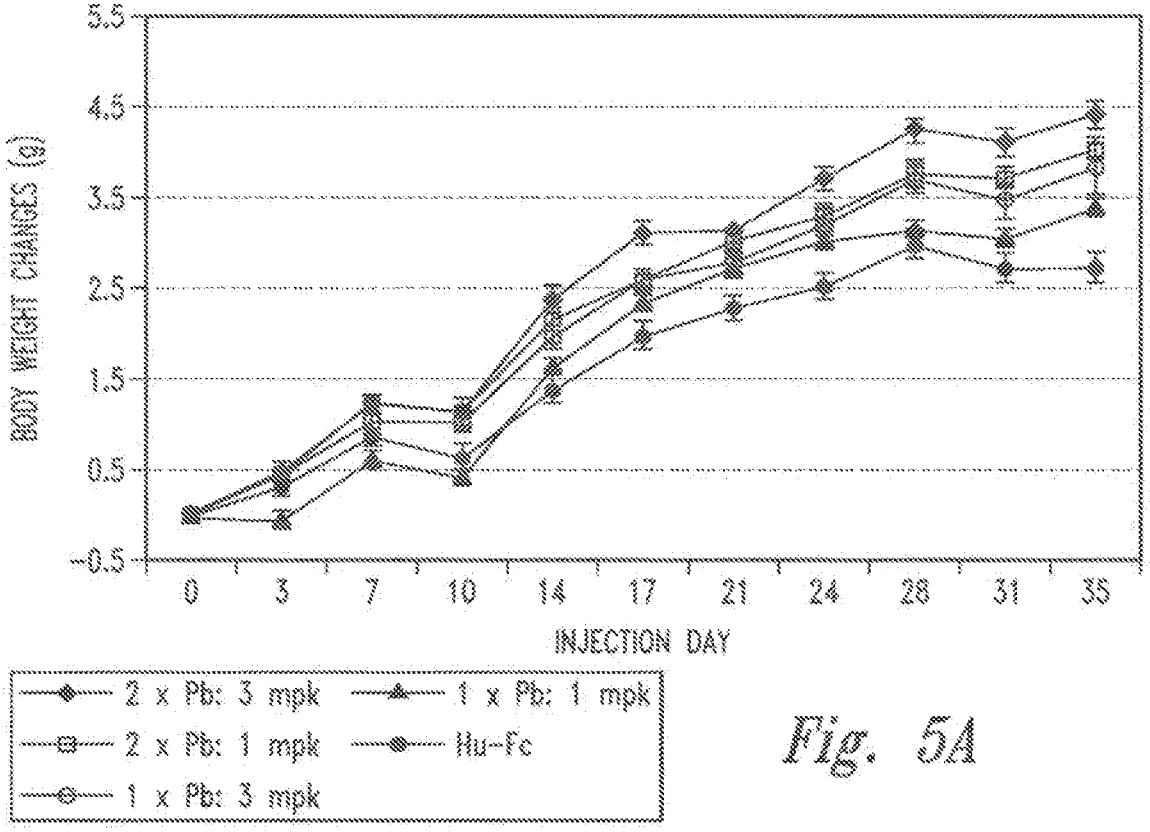

BODY WEIGHT CHANGES (g)
5.5
4.5
3.5
2.5
1.5
0.5
-0.5
0
3
7
10
14
17
21
24
28
31
35
INJECTION DAY
2 x Pb: 3 mpk
1 x Pb: 1 mpk
2 x Pb: 1 mpk
Hu-Fc
1 x Pb: 3 mpk

Fig. 5A

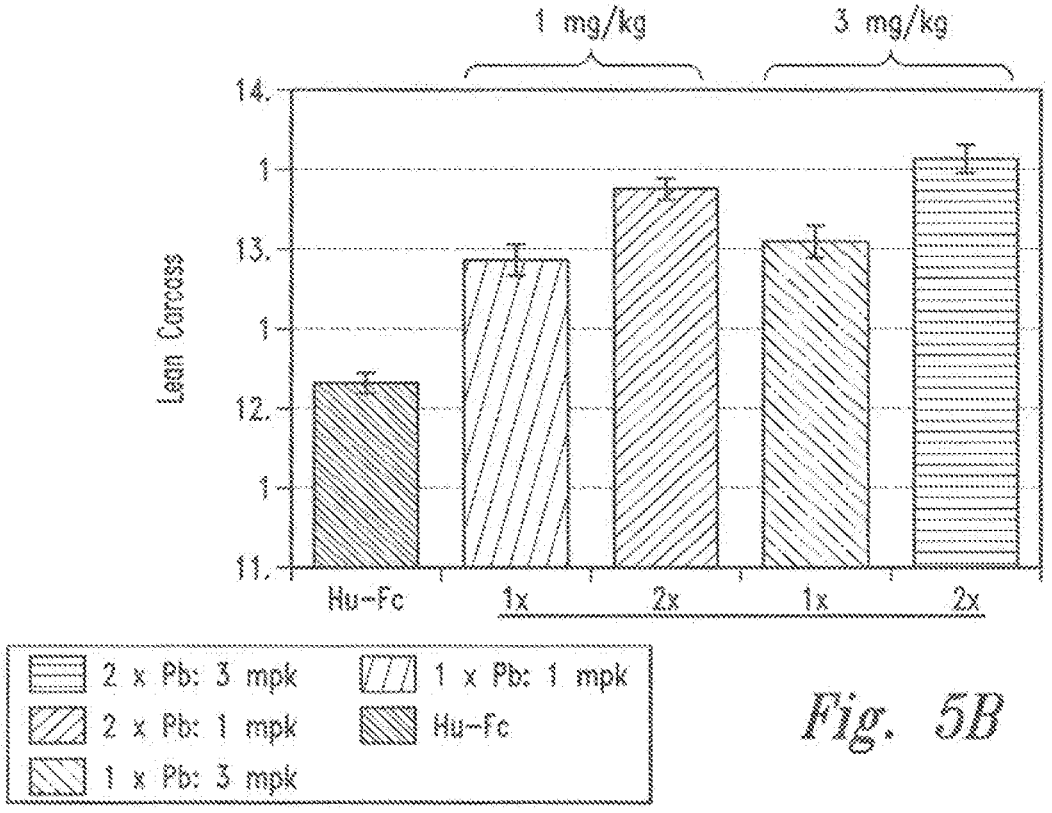

1 mg/kg
3 mg/kg
Lean Carcass
14.
1
13.
1
12.
1
11.
Hu-Fc
1x
2x
1x
2x
2 x Pb: 3 mpk
1 x Pb: 1 mpk
2 x Pb: 1 mpk
Hu-Fc
1 x Pb: 3 mpk

Fig. 5B

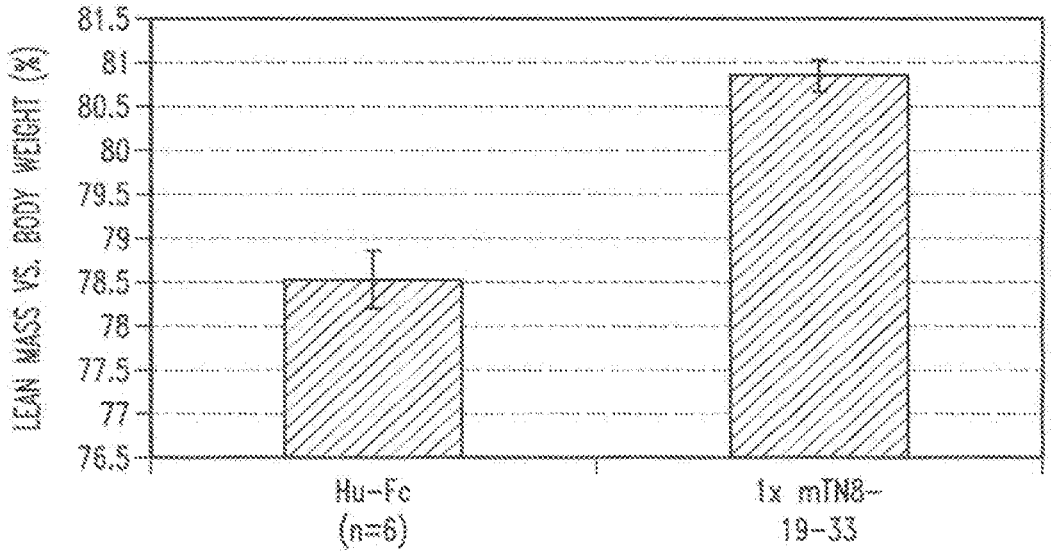

LEAN MASS VS. BODY WEIGHT (%)
81.5
81
80.5
80
79.5
79
78.5
78
77.5
77
76.5
Hu-Fc
(n=6)
1x mTN8-
19-33

Fig. 6A

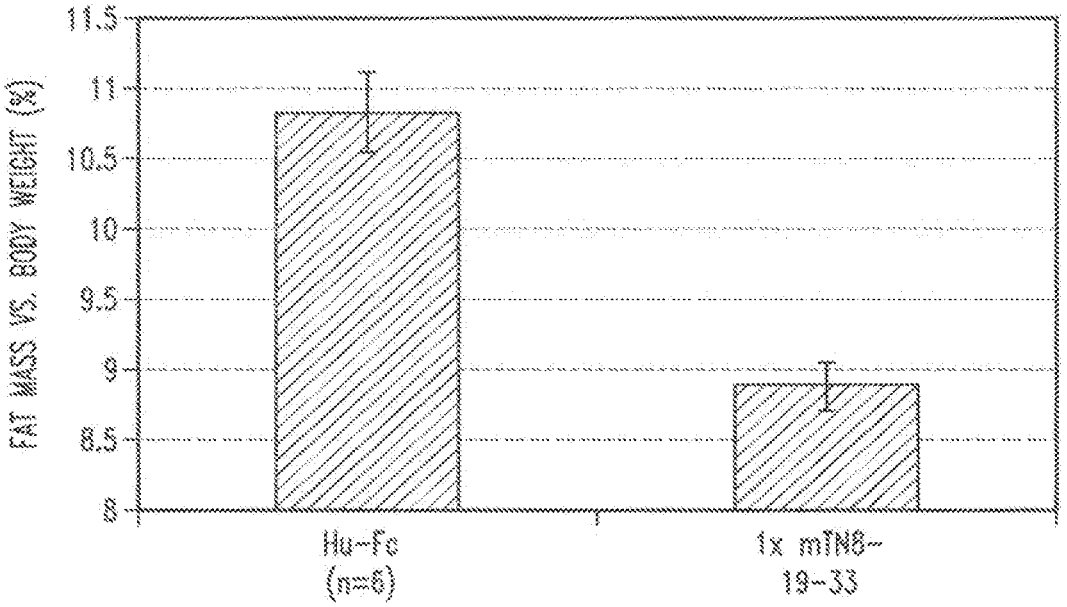

FAT MASS VS. BODY WEIGHT (%)
11.5
11
10.5
10
9.5
9
8.5
8
Hu-Fc
(n=6)
1x mTN8-
19-33

Fig. 6B

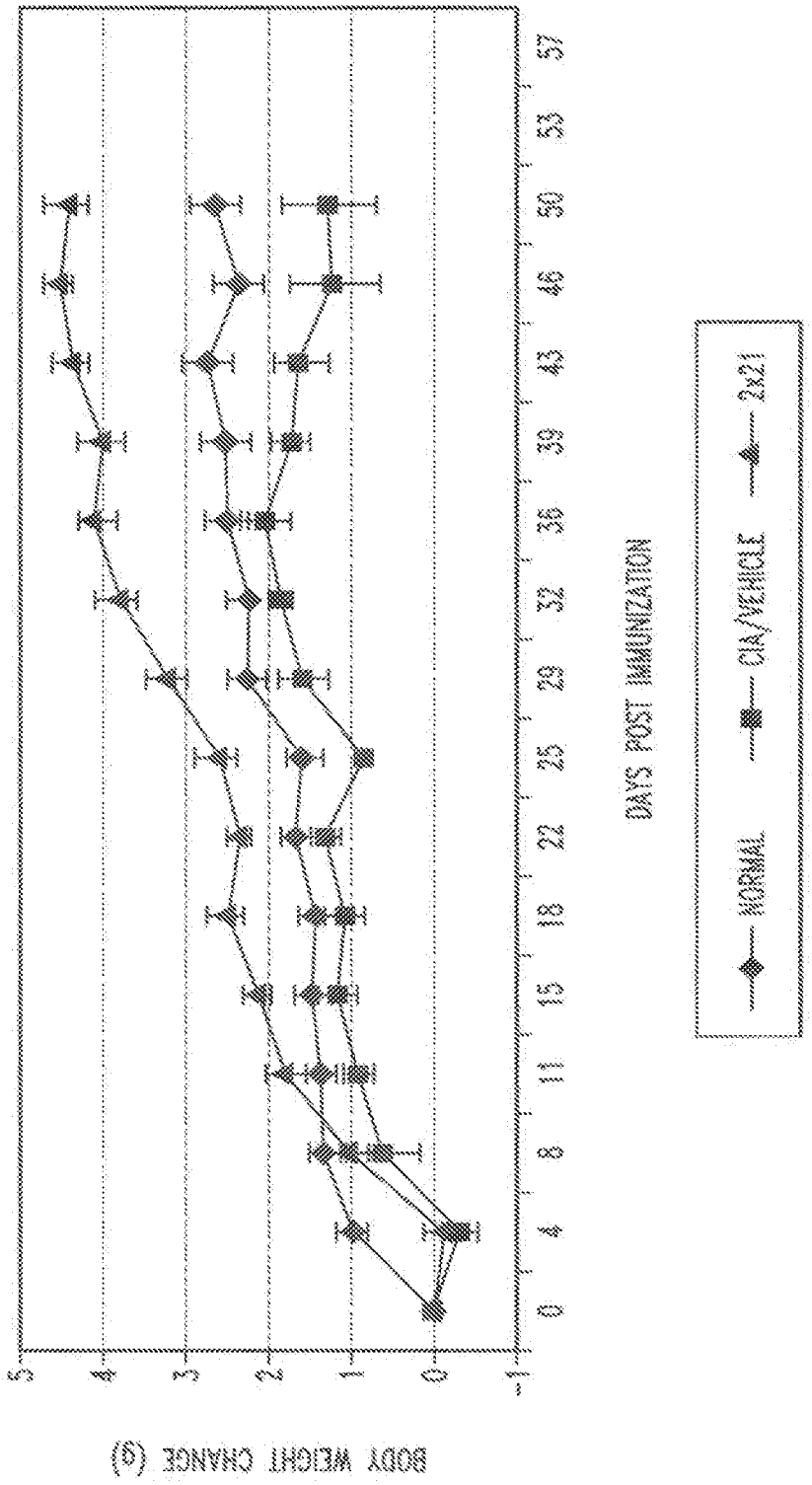

BODY WEIGHT CHANGE (g)
5
4
3
2
1
0
-1
0
4
8
11
15
18
22
25
29
32
36
39
43
46
50
53
57
DAYS POST IMMUNIZATION
NORMAL
CIA/VEHICLE
2x21

Fig. 7

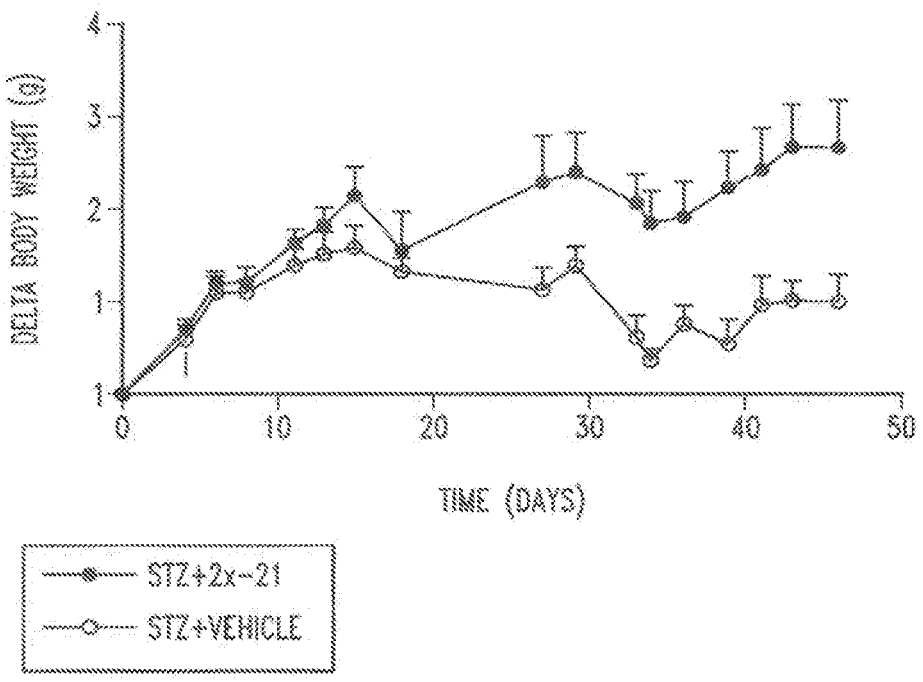

DELTA BODY WEIGHT (g)
4
3
2
1
1
0
10
20
30
40
50
TIME (DAYS)
STZ+2x-21
STZ+VEHICLE

Fig. 8

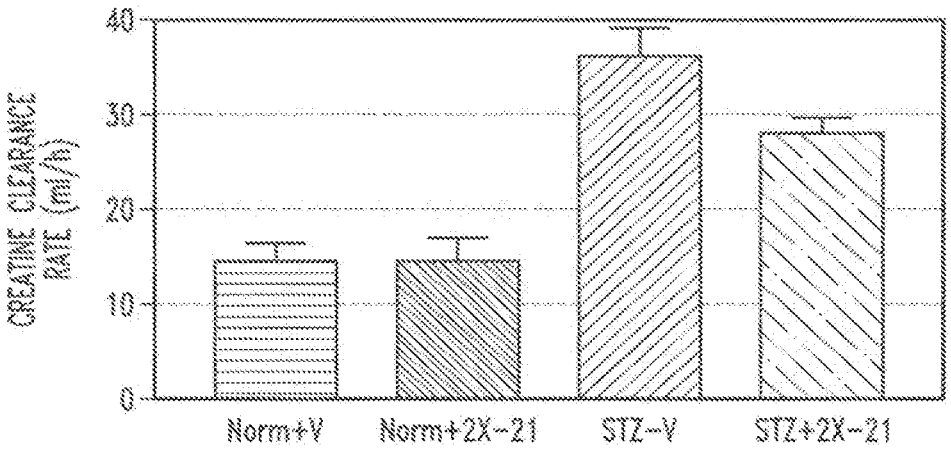

CREATINE CLEARANCE RATE (ml/h)
40
30
20
10
0
Norm+V
Norm+2X-21
STZ-V
STZ+2X-21

Fig. 9

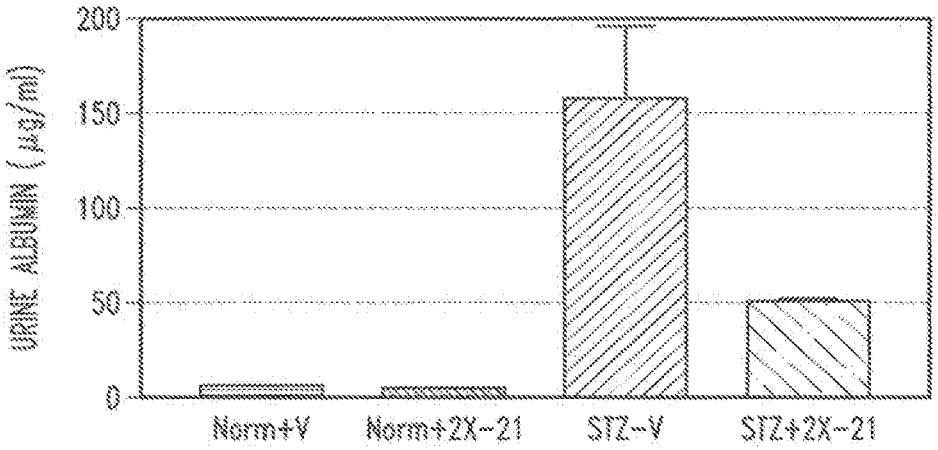


Fig. 10A

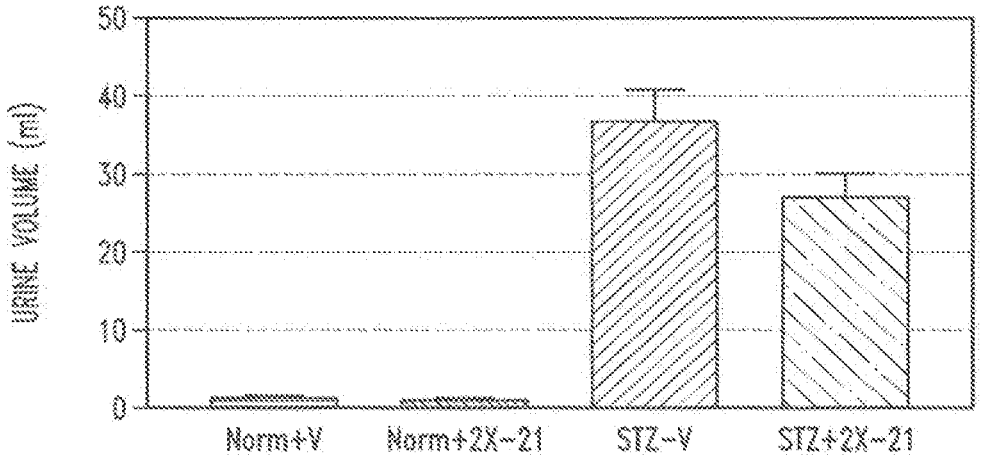


Fig. 10B

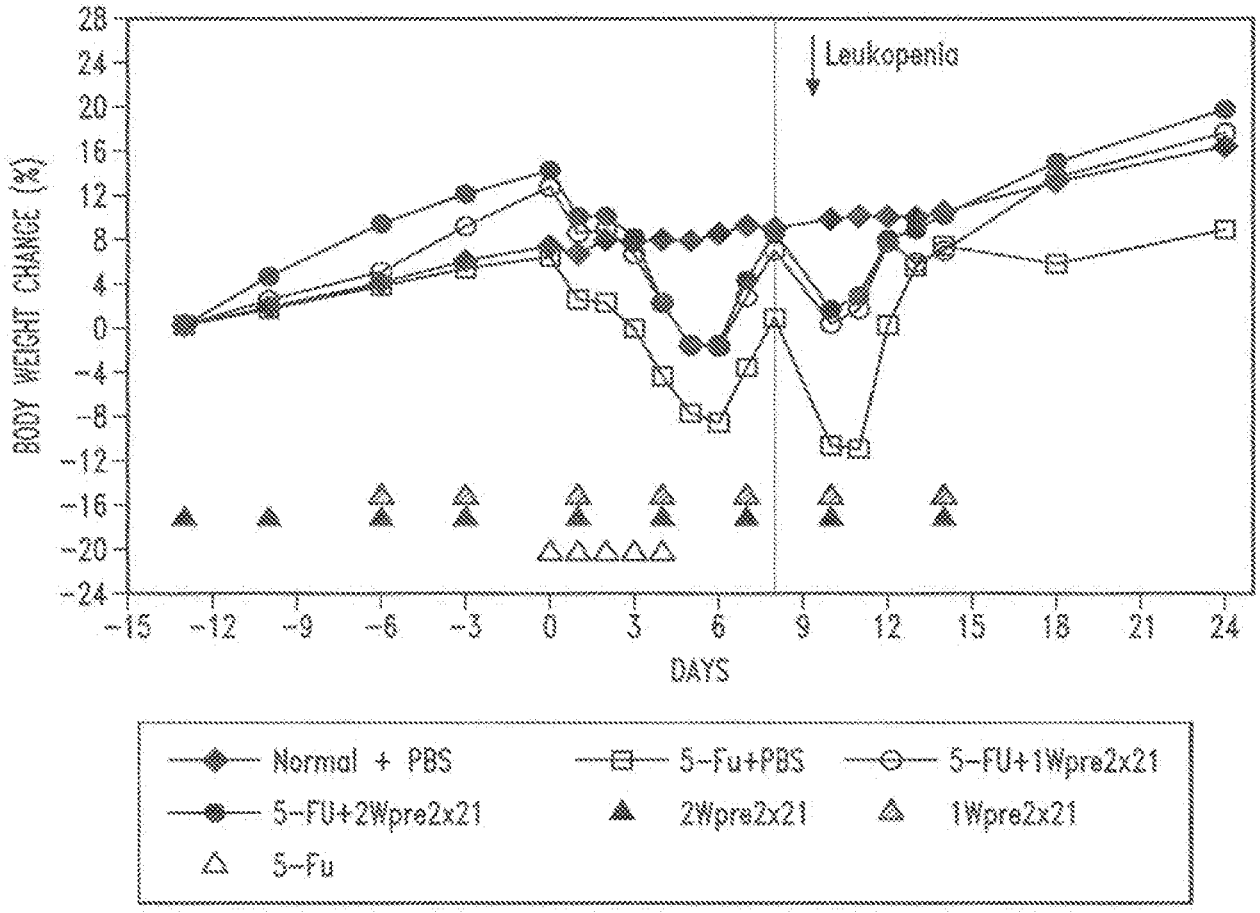

BODY WEIGHT CHANGE (%)
28
24
20
16
12
8
4
0
-4
-8
-12
-16
-20
-24
Leukopenia
-15
-12
-9
-6
-3
0
3
6
9
12
15
18
21
24
DAYS
Normal + PBS
5-Fu+PBS
5-FU+1Wpre2x21
5-FU+2Wpre2x21
2Wpre2x21
1Wpre2x21
5-Fu

Fig. 11

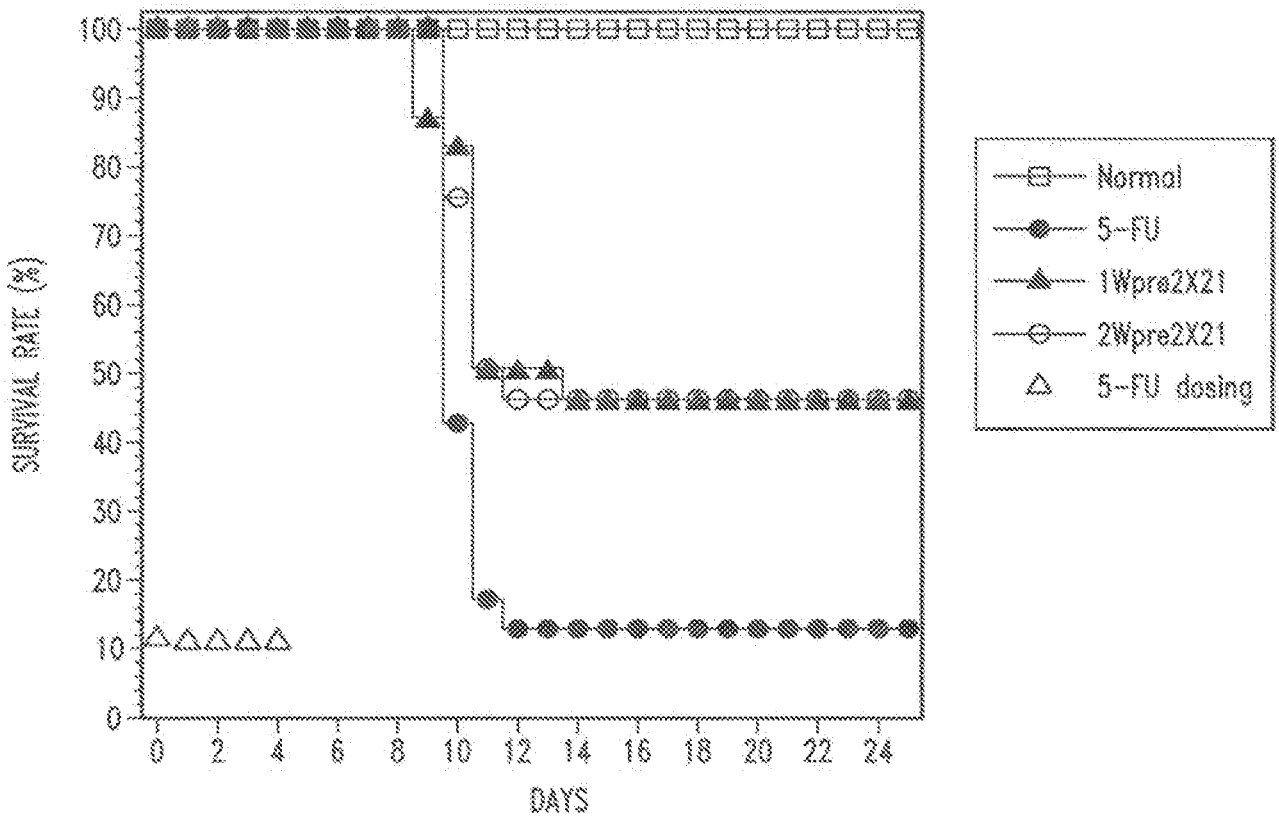

SURVIVAL RATE (%)
100
90
80
70
60
50
40
30
20
10
0
0 2 4 6 8 10 12 14 16 18 20 22 24
DAYS
Normal
5-FU
1Wpre2X21
2Wpre2X21
5-FU dosing

Fig. 12

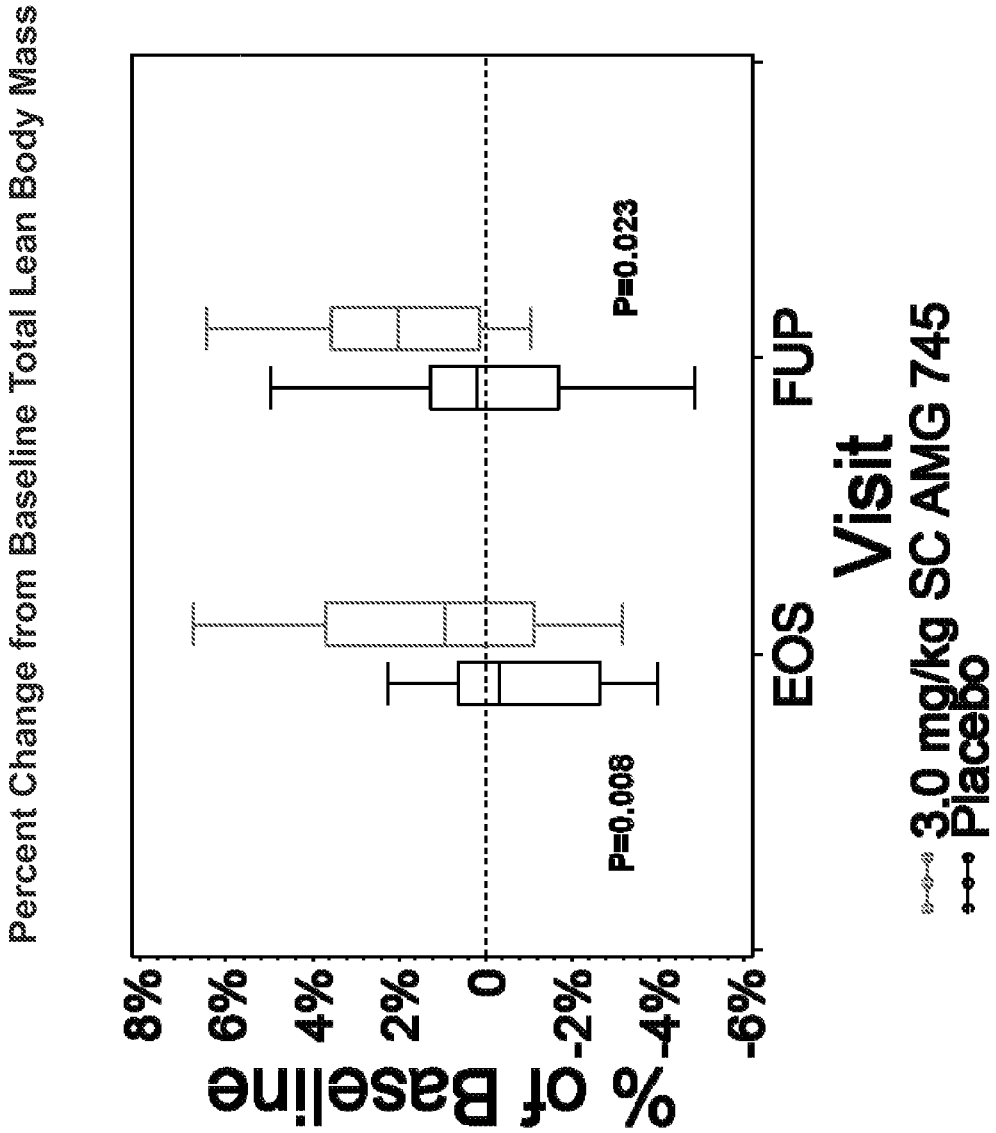

Percent Change from Baseline Total Lean Body Mass
% of Baseline
8%
6%
4%
2%
0
-2%
-4%
-6%
P=0.023
P=0.008
EOS
FUP
Visit
3.0 mg/kg SC AMG 745
Placebo

Fig.13