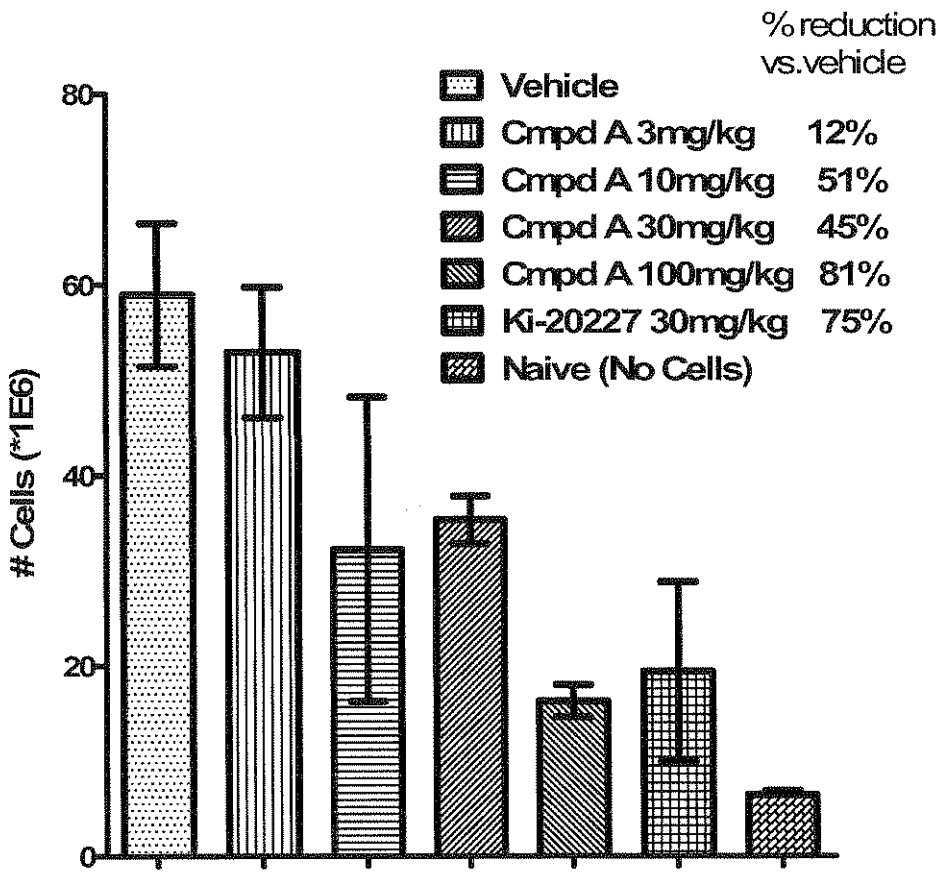
% reduction
vs.vehicle
Vehicle
Cmpd A 3mg/kg 12%
Cmpd A 10mg/kg 51%
Cmpd A 30mg/kg 45%
Cmpd A 100mg/kg 81%
Ki-20227 30mg/kg 75%
Naive (No Cells)
Cells (*1E6)
80
60
40
20
0

FIG. 1

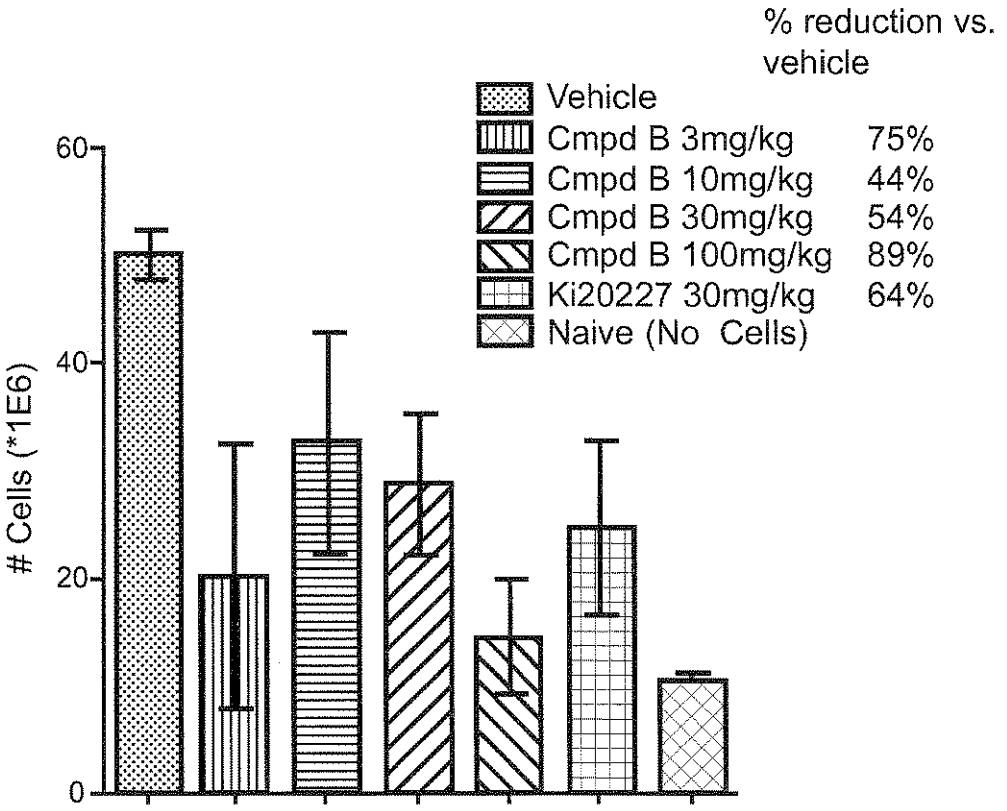
% reduction vs. vehicle
Vehicle
Cmpd B 3mg/kg 75%
Cmpd B 10mg/kg 44%
Cmpd B 30mg/kg 54%
Cmpd B 100mg/kg 89%
Ki20227 30mg/kg 64%
Naive (No Cells)
Cells (*1E6)
60
40
20
0

FIG. 2

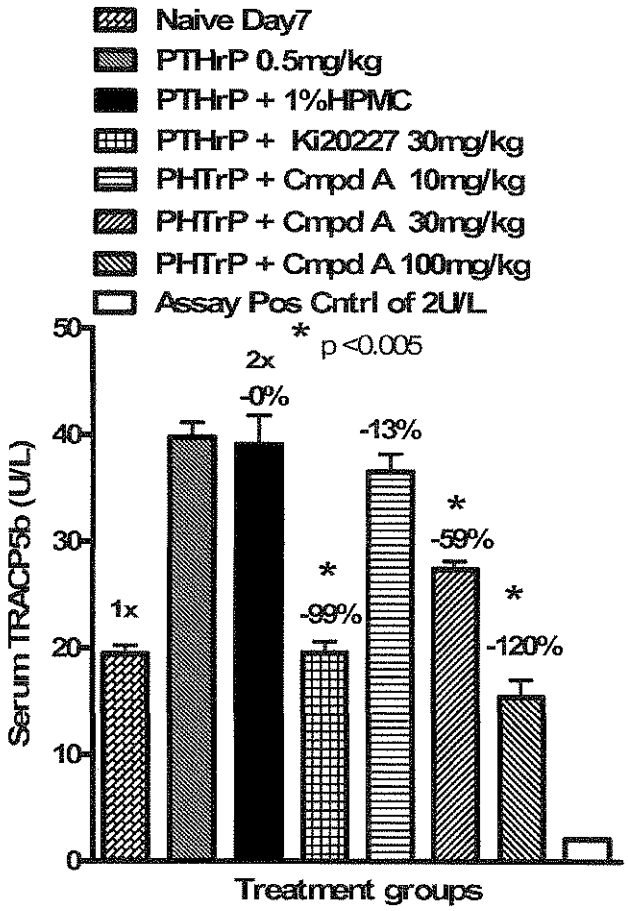
Naive Day7
PTHrP 0.5mg/kg
PTHrP + 1%HPMC
PTHrP + Ki20227 30mg/kg
PHTrP + Cmpd A 10mg/kg
PHTrP + Cmpd A 30mg/kg
PHTrP + Cmpd A 100mg/kg
Assay Pos Cntrl of 2U/L
Serum TRACP5b (U/L)
Treatment groups
1x
2x
-0%
* p <0.005
* -99%
-13%
* -59%
* -120%

FIG. 3

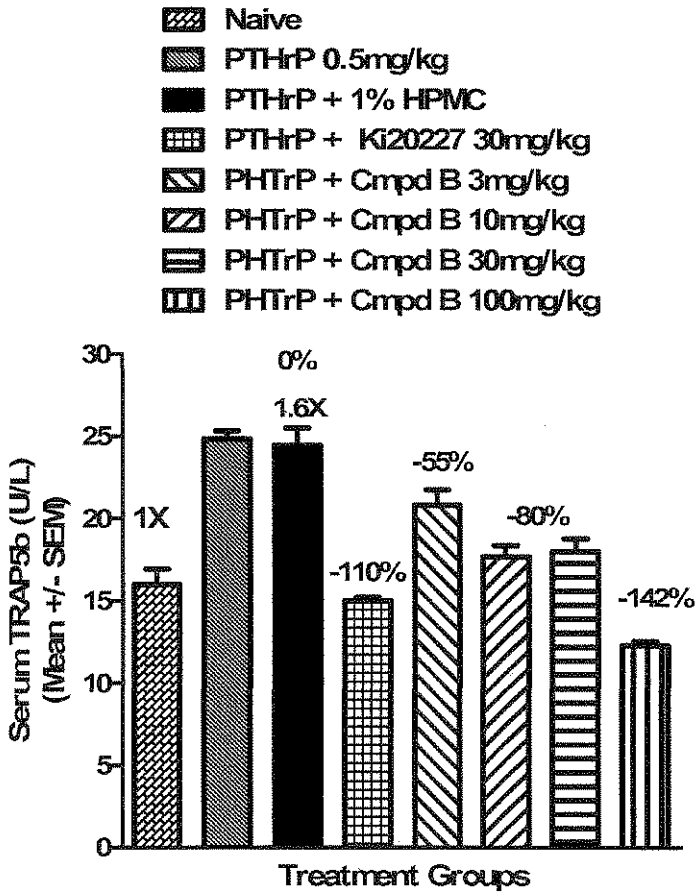
Naive
PTHrP 0.5mg/kg
PTHrP + 1% HPMC
PTHrP + Ki20227 30mg/kg
PHTrP + Cmpd B 3mg/kg
PHTrP + Cmpd B 10mg/kg
PHTrP + Cmpd B 30mg/kg
PHTrP + Cmpd B 100mg/kg
Serum TRAP5b (U/L)
(Mean +/- SEM)
30
25
20
15
10
5
0
1X
0%
1.6X
-110%
-55%
-80%
-142%
Treatment Groups

FIG. 4

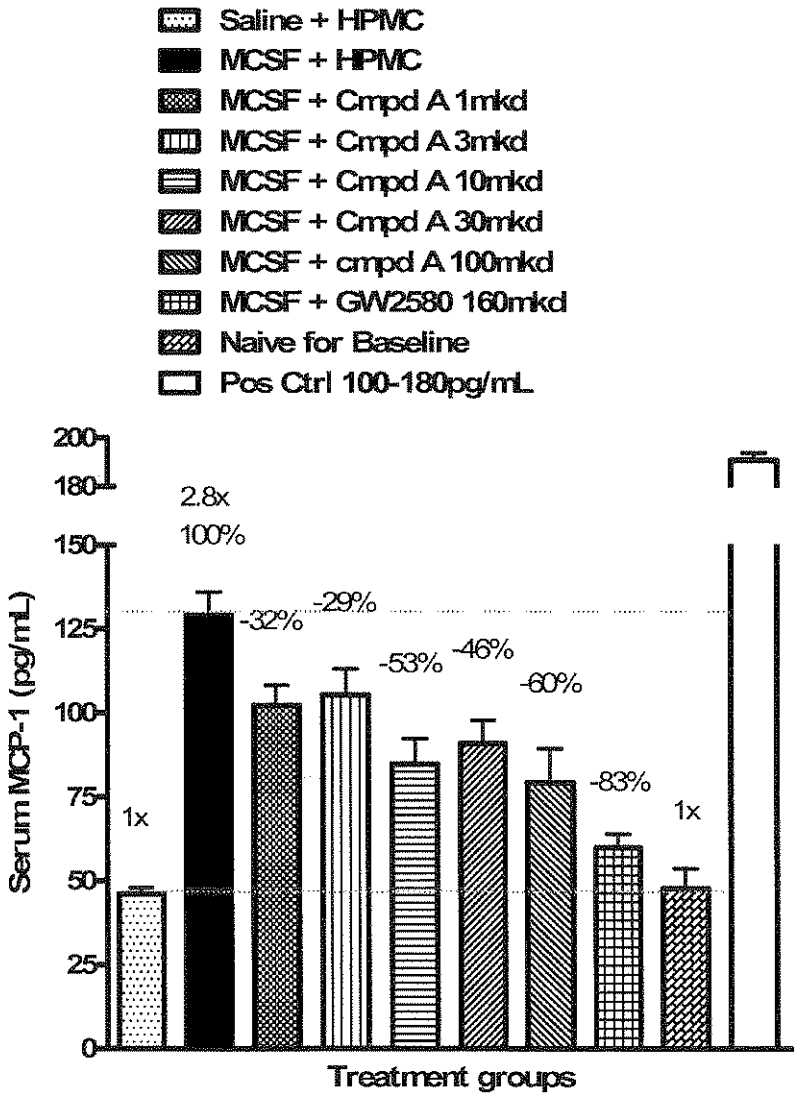
Saline + HPMC
MCSF + HPMC
MCSF + Cmpd A 1mkd
MCSF + Cmpd A 3mkd
MCSF + Cmpd A 10mkd
MCSF + Cmpd A 30mkd
MCSF + cmpd A 100mkd
MCSF + GW2580 160mkd
Naive for Baseline
Pos Ctrl 100-180pg/mL
Serum MCP-1 (pg/mL)
200
180
150
125
100
75
50
25
0
2.8x
100%
-32%
-29%
-53%
-46%
-60%
-83%
1x
1x
Treatment groups

FIG. 5

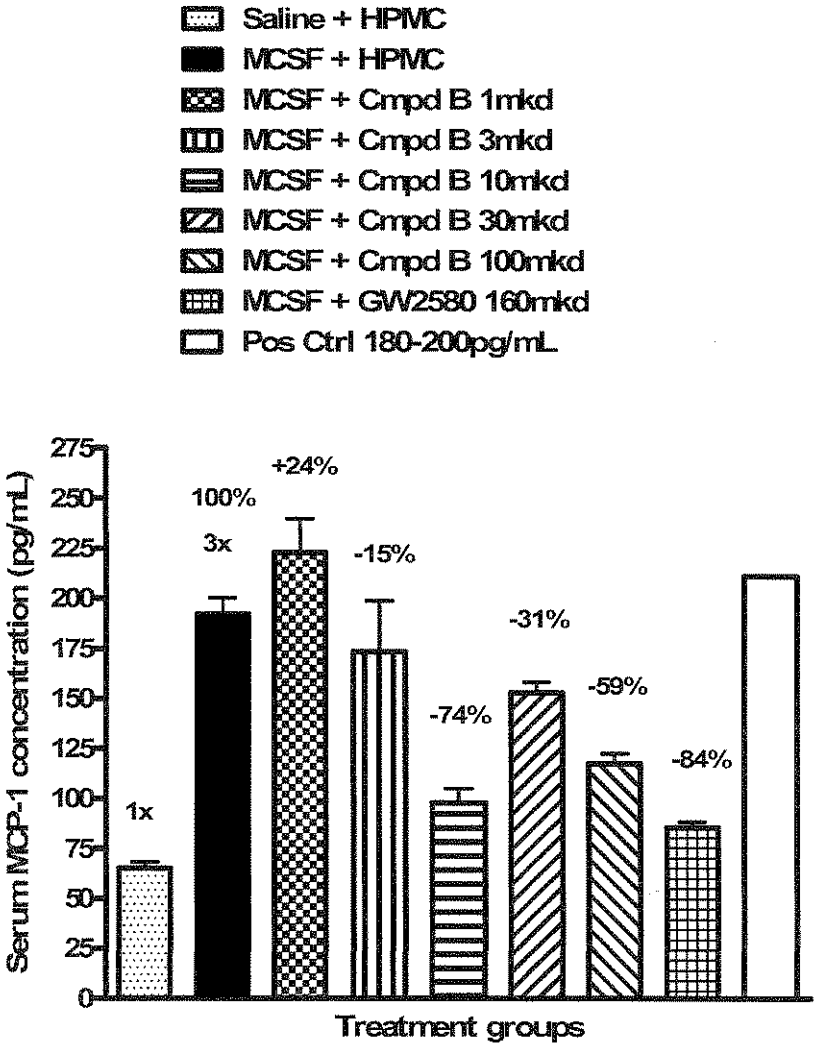
Saline + HPMC
MCSF + HPMC
MCSF + Cmpd B 1mkd
MCSF + Cmpd B 3mkd
MCSF + Cmpd B 10mkd
MCSF + Cmpd B 30mkd
MCSF + Cmpd B 100mkd
MCSF + GW2580 160mkd
Pos Ctrl 180-200pg/mL
Serum MCP-1 concentration (pg/mL)
275
250
225
200
175
150
125
100
75
50
25
0
1x
100%
3x
+24%
-15%
-74%
-31%
-59%
-84%
Treatment groups

FIG. 6