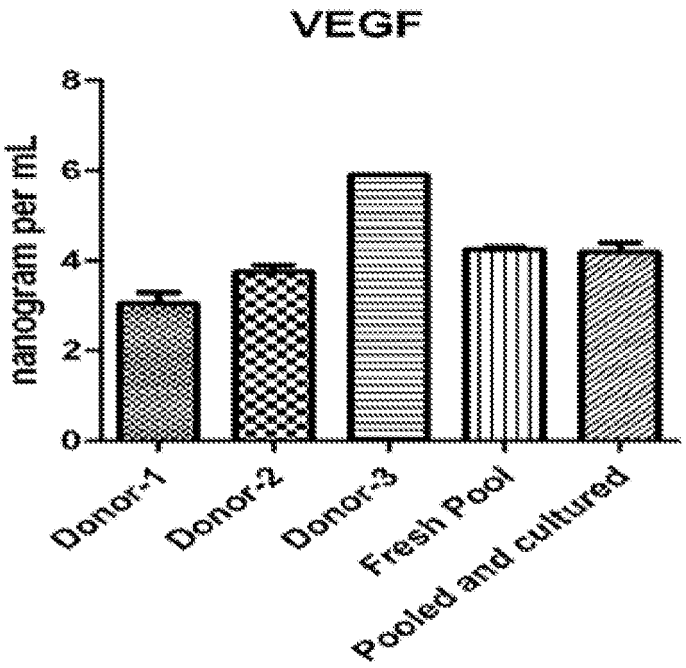


FIGURE 1

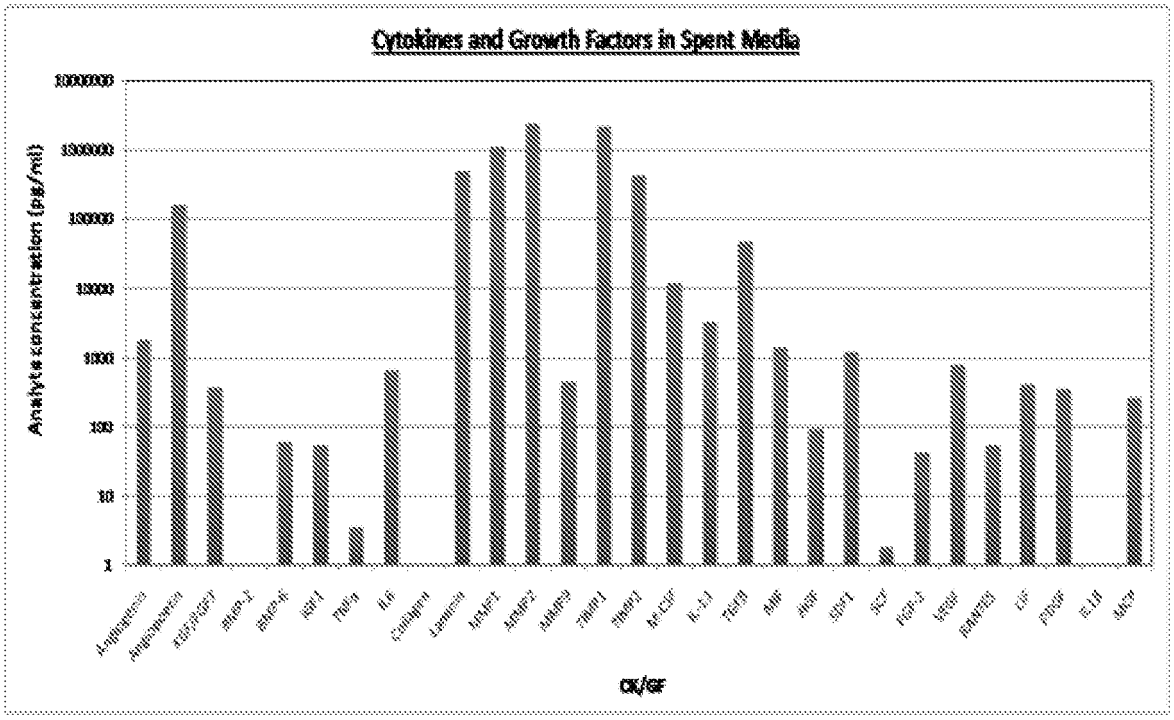


FIGURE 2

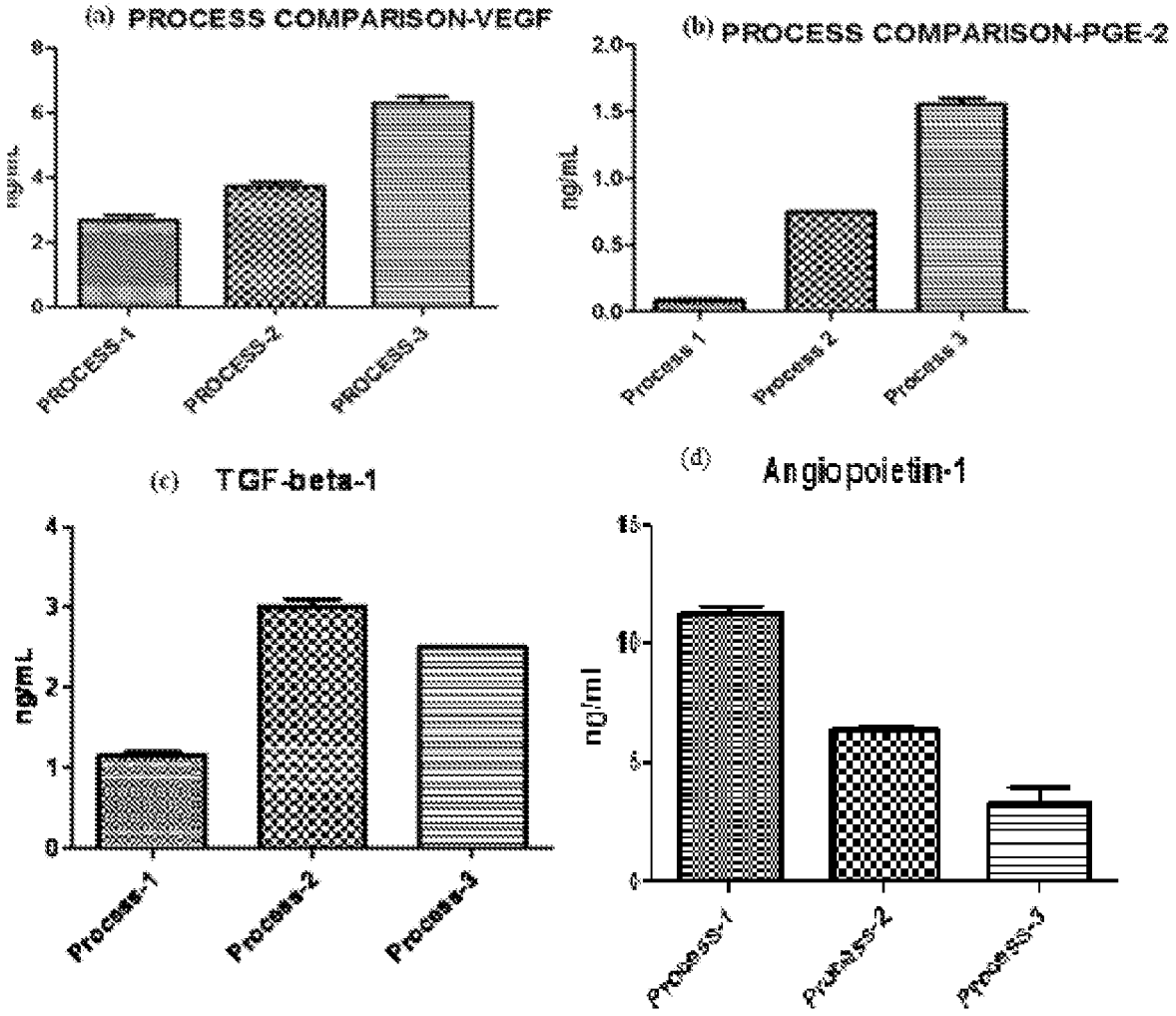

(a) PROCESS COMPARISON-VEGF
ng/mL
PROCESS-1
PROCESS-2
PROCESS-3
(b) PROCESS COMPARISON-PGE-2
ng/mL
Process 1
Process 2
Process 3
(c) TGF-beta-1
ng/mL
Process-1
Process-2
Process-3
(d) Angiopoietin-1
ng/ml
PROCESS-1
PROCESS-2
PROCESS-3

FIGURE 3

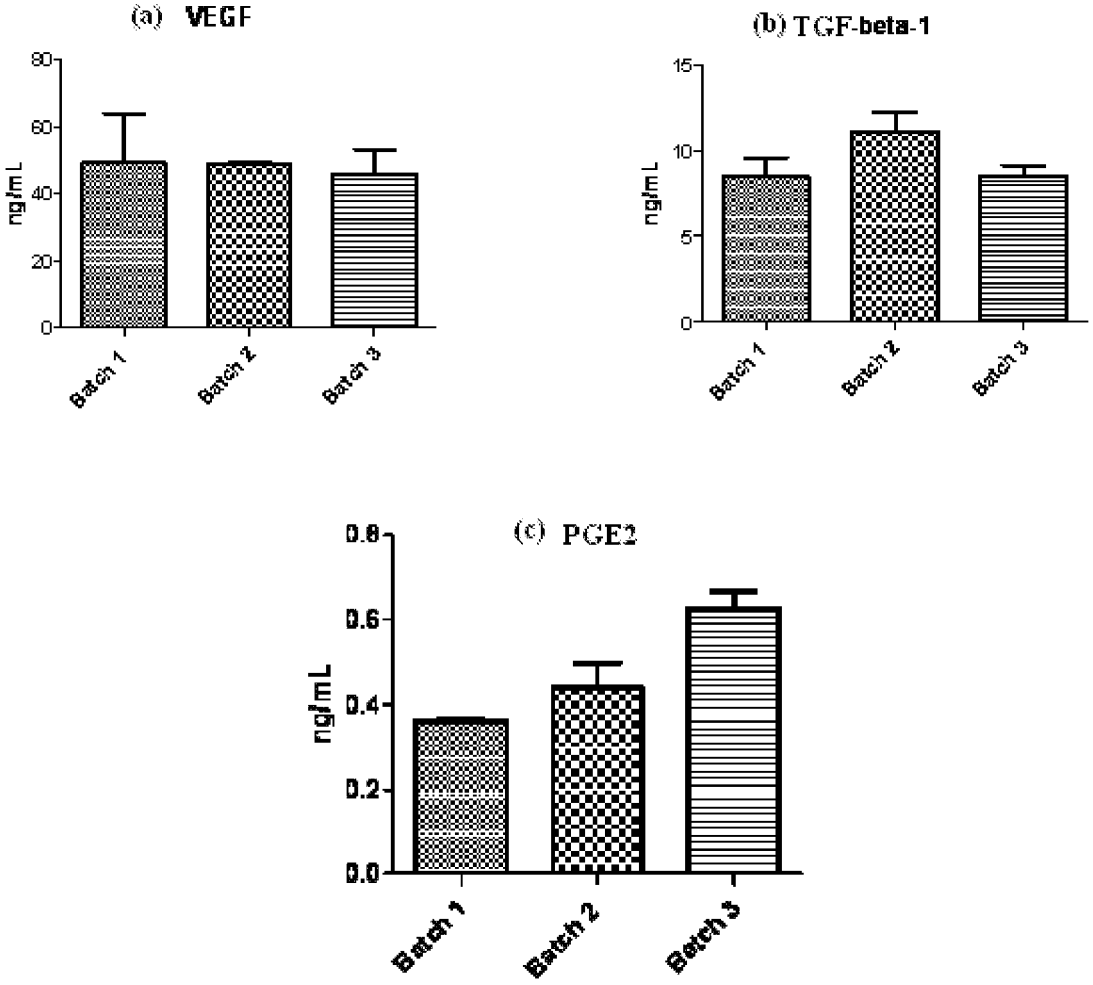

(a) VEGF
ng/mL
80
60
40
20
0
Batch 1
Batch 2
Batch 3
(b) TGF-beta-1
ng/mL
15
10
5
0
Batch 1
Batch 2
Batch 3
(c) PGE2
ng/mL
0.8
0.6
0.4
0.2
0.0
Batch 1
Batch 2
Batch 3

FIGURE 4

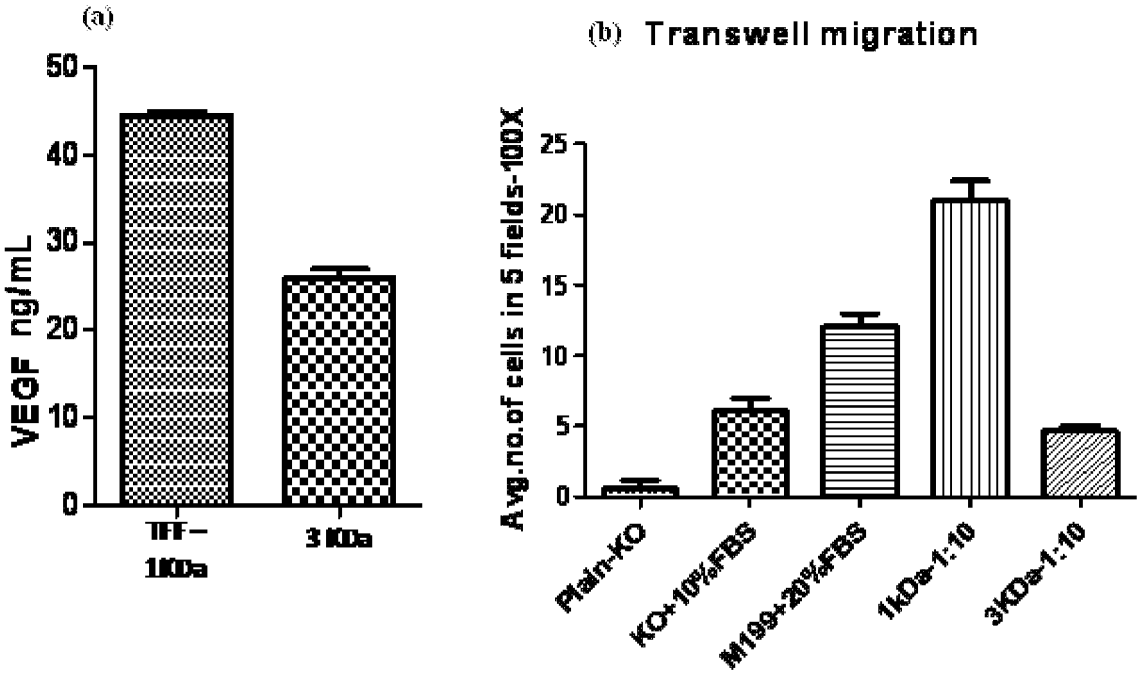
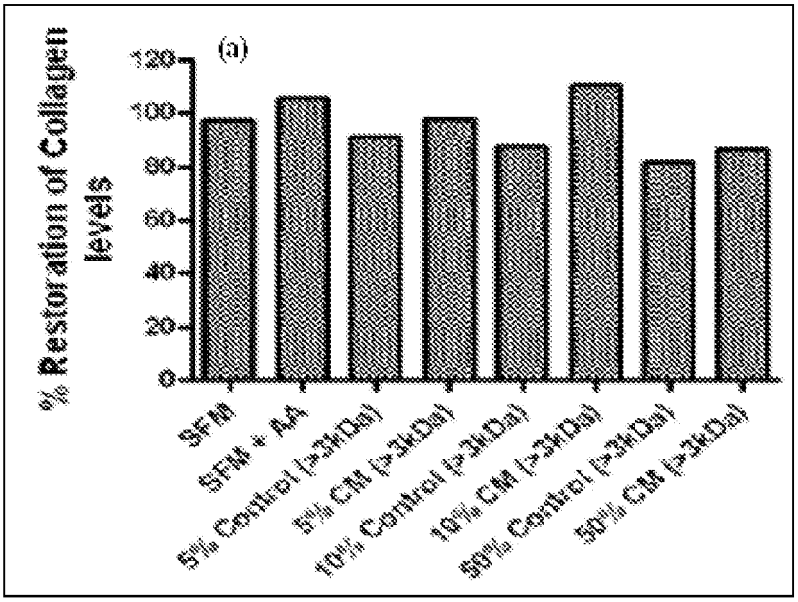
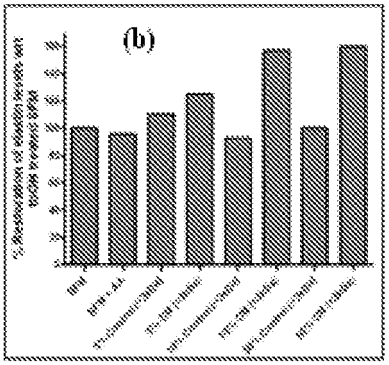
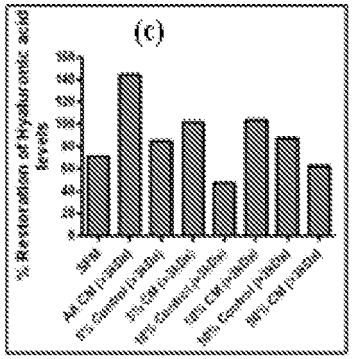

(a)
VEGF ng/mL
50
40
30
20
10
0
TFF–
1KDa
3 KDa
(b) Transwell migration
Avg.no.of cells in 5 fields-100X
25
20
15
10
5
0
Plain-KO
KO+10%FBS
M199+20%FBS
1kDa-1:10
3KDa-1:10

FIGURE 5

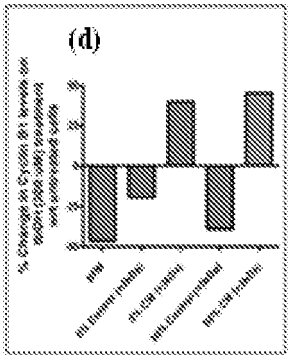




10X CM restored Elastin



10X CM restored HA



10X CM increased Cyclin

FIGURE 6

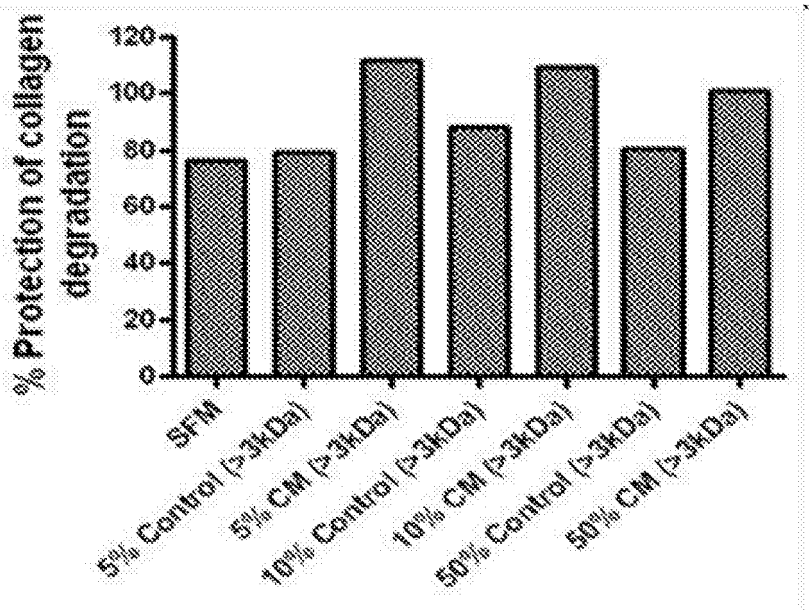


FIGURE 7

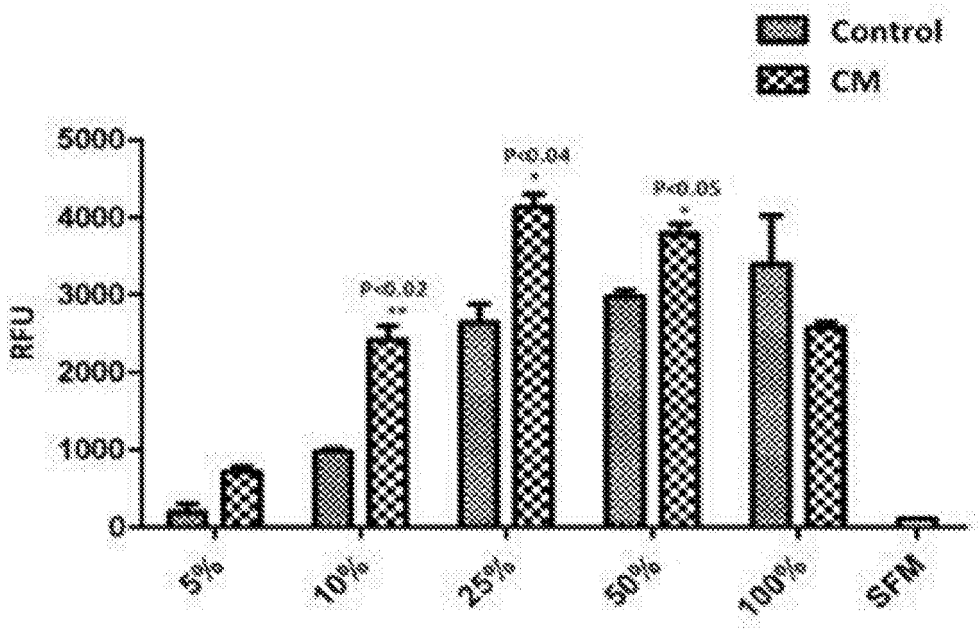


FIGURE 8

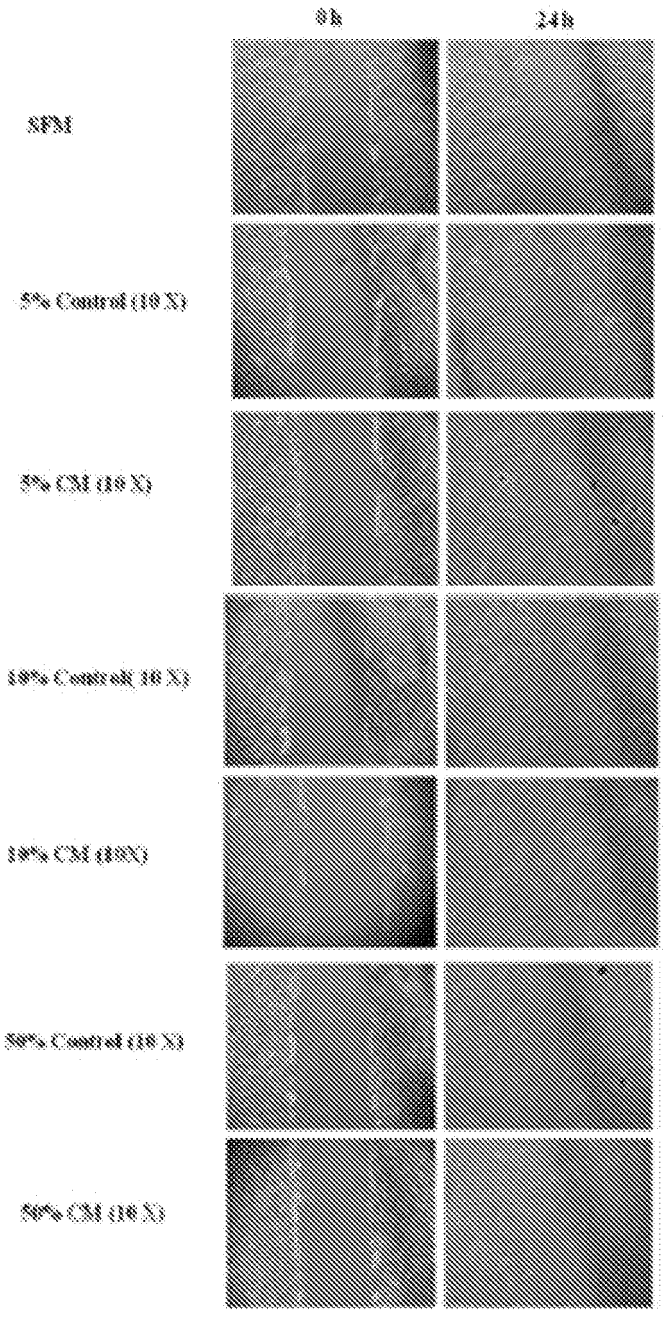

8h
24h
SFM
5% Control (10 X)
5% CM (10 X)
10% Control (10 X)
10% CM (10X)
50% Control (10 X)
50% CM (10 X)

FIGURE 9a

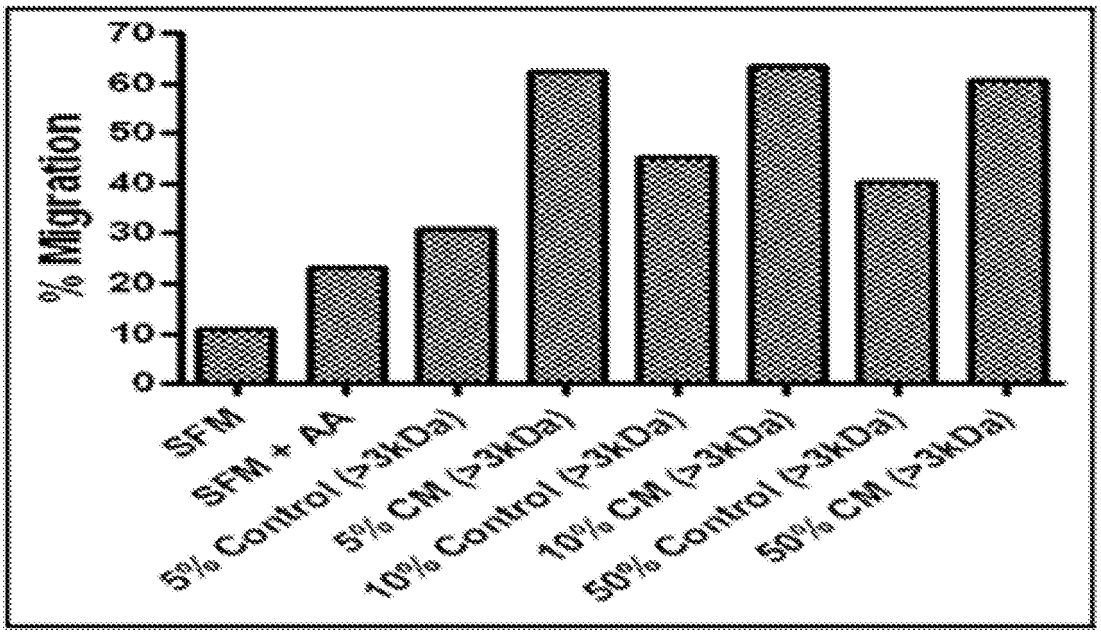


FIGURE 9b

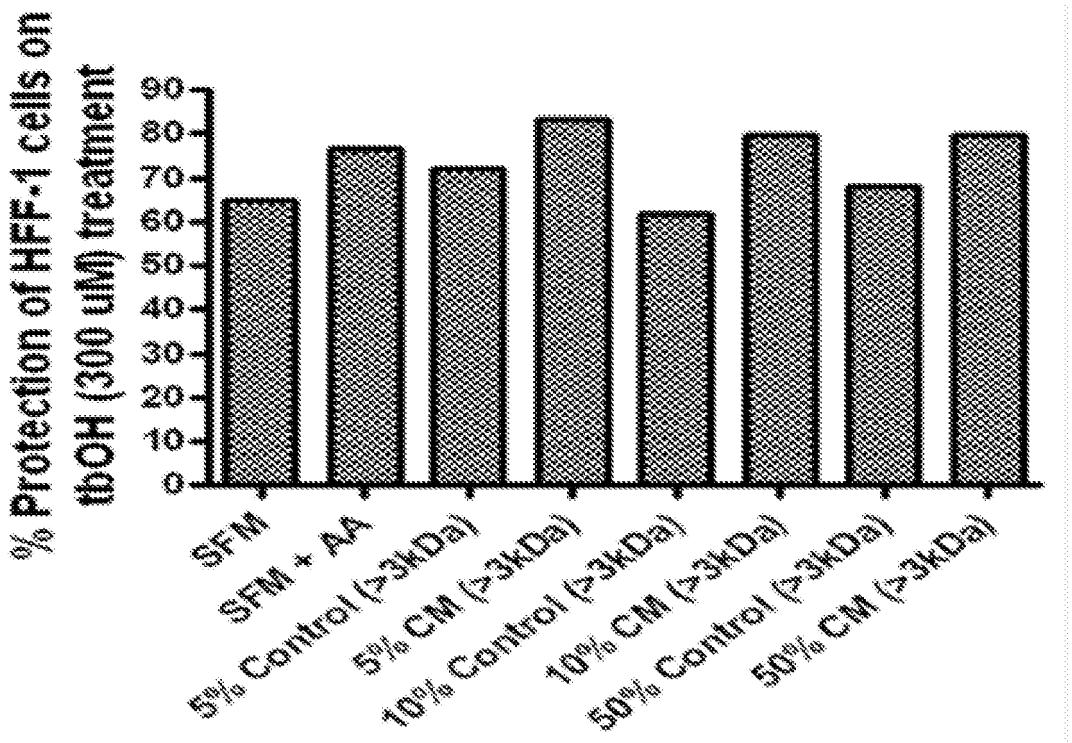


FIGURE 10

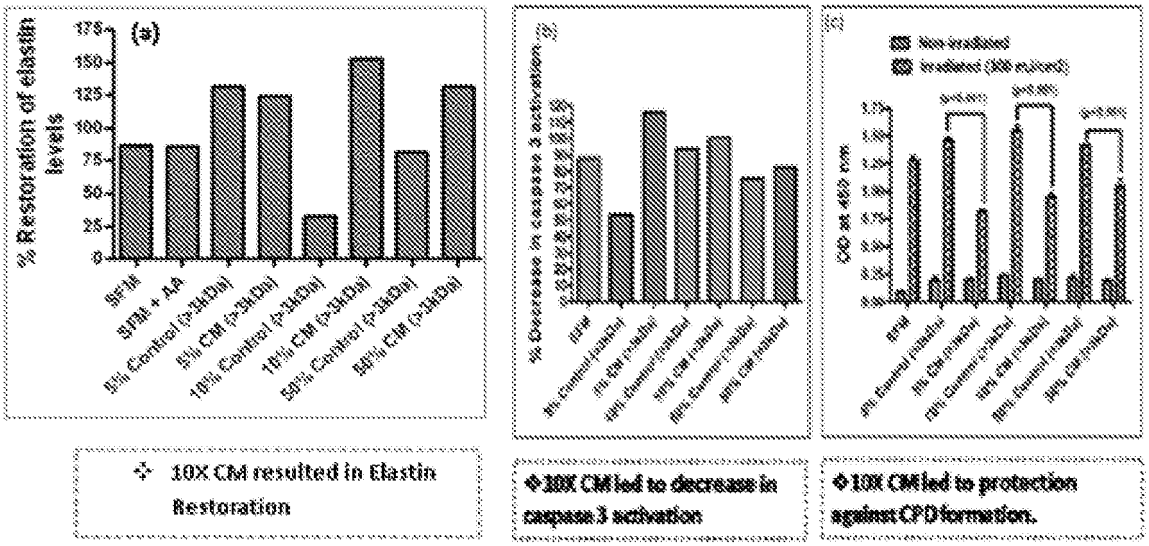


FIGURE 11

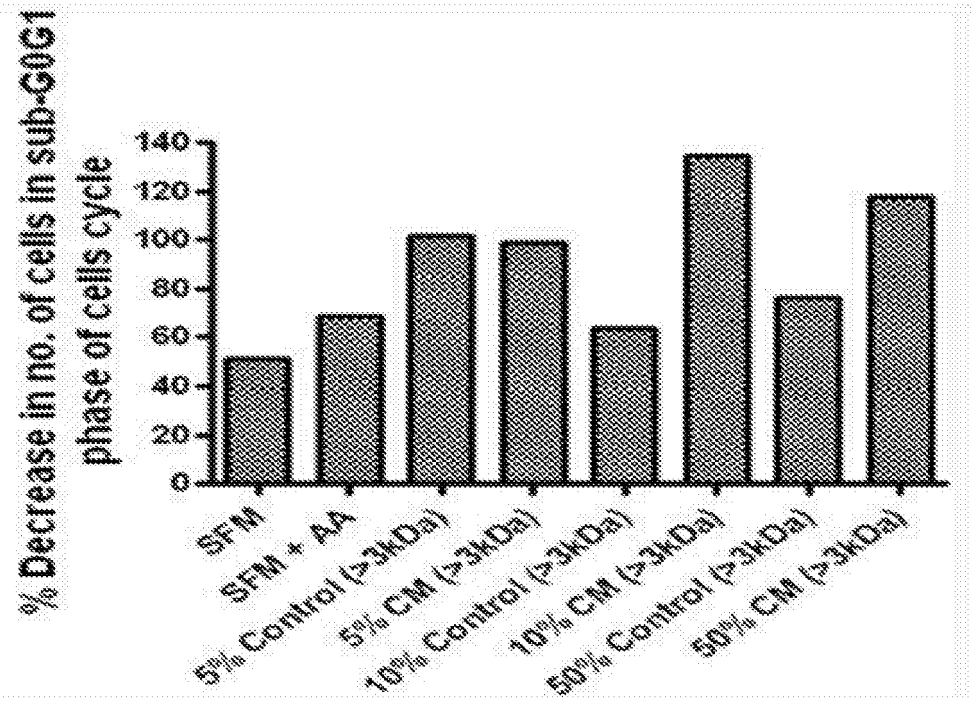


FIGURE 12

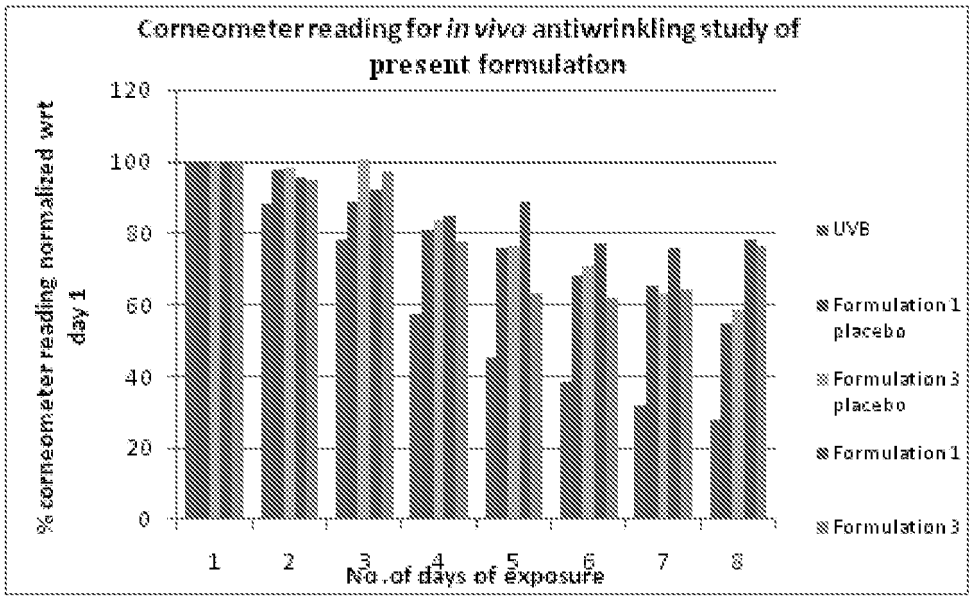


FIGURE 13

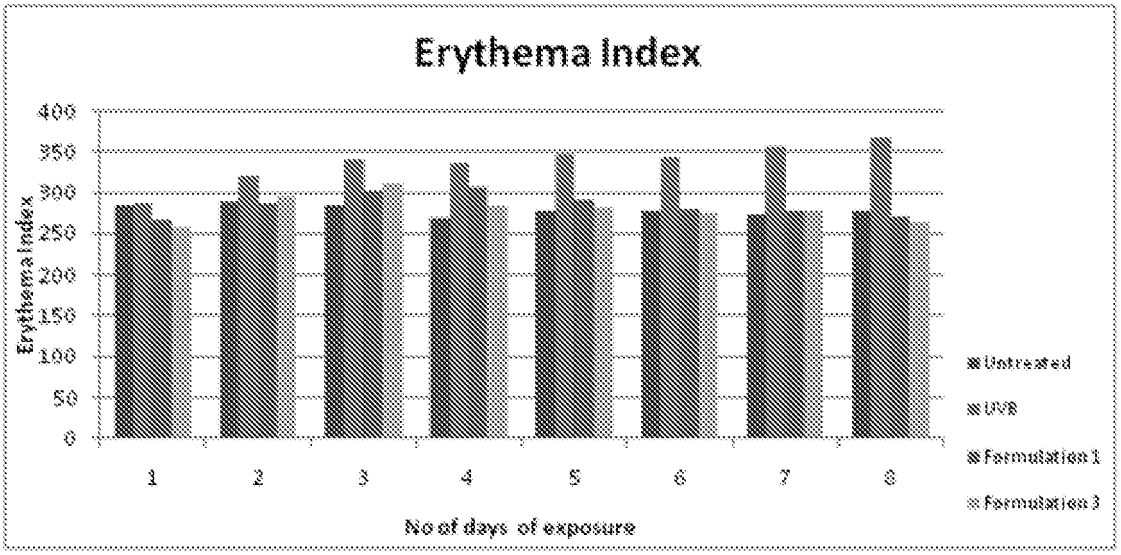


FIGURE 14

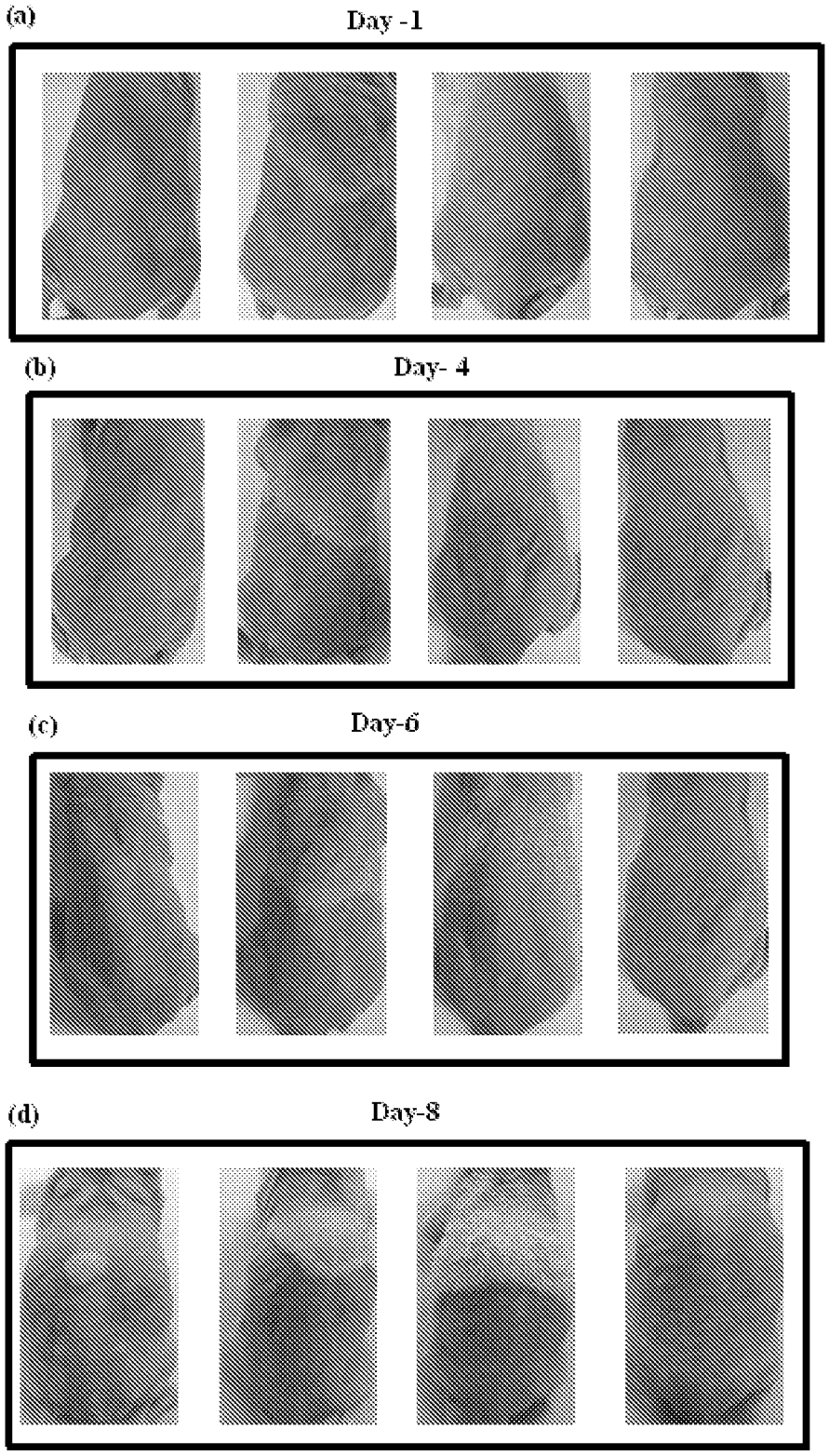


FIGURE 15

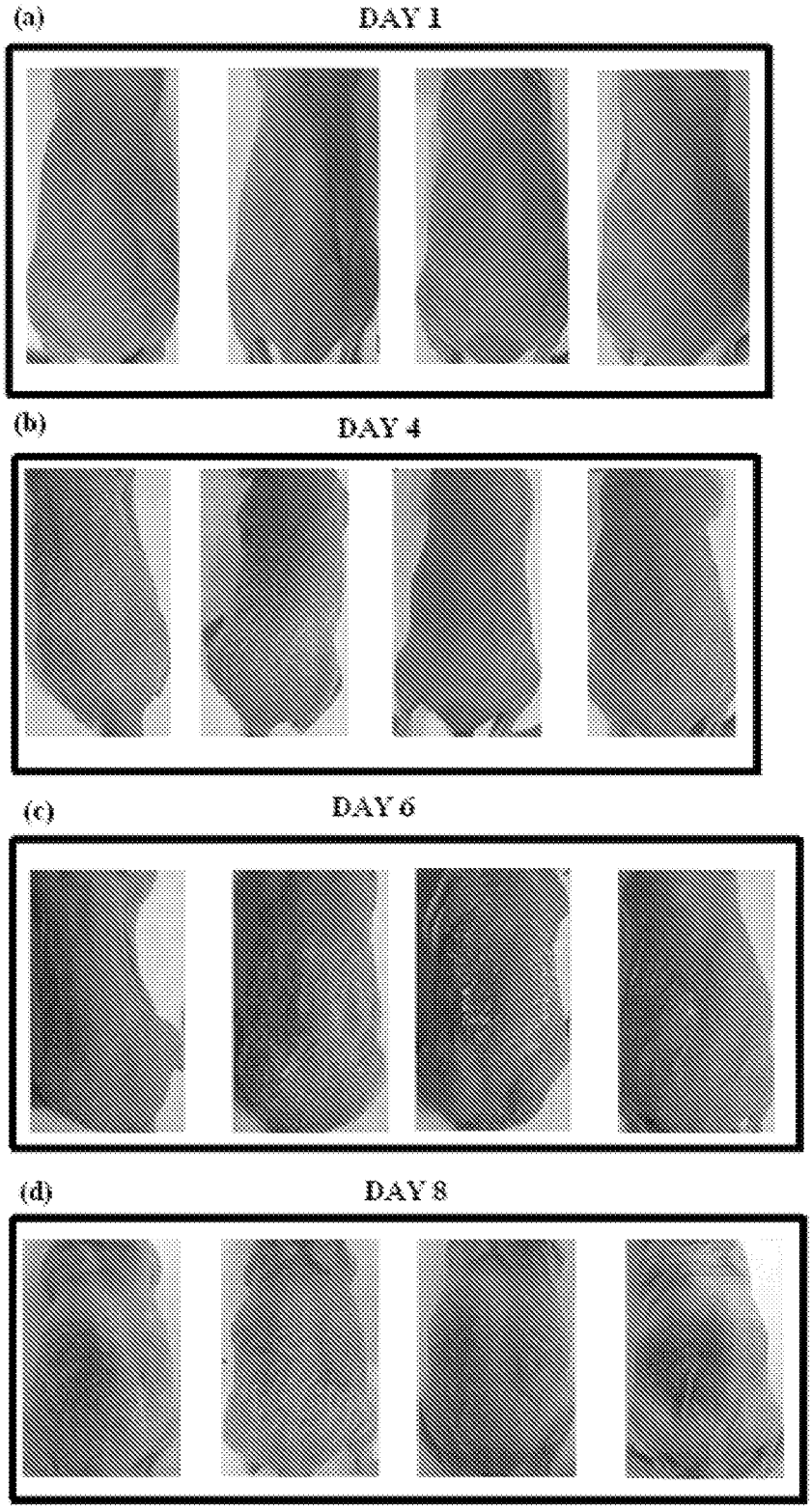


FIGURE - 16

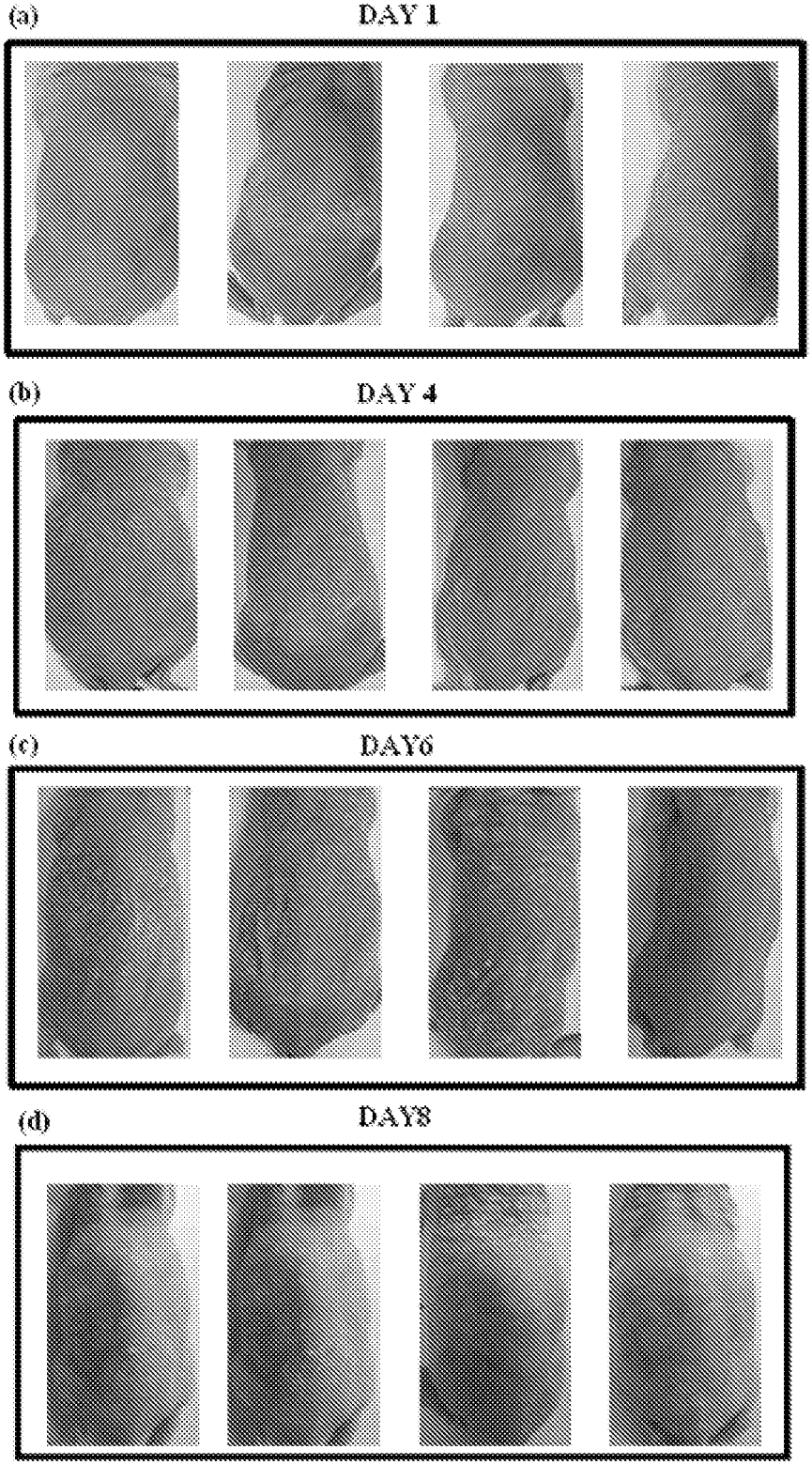


FIGURE 17

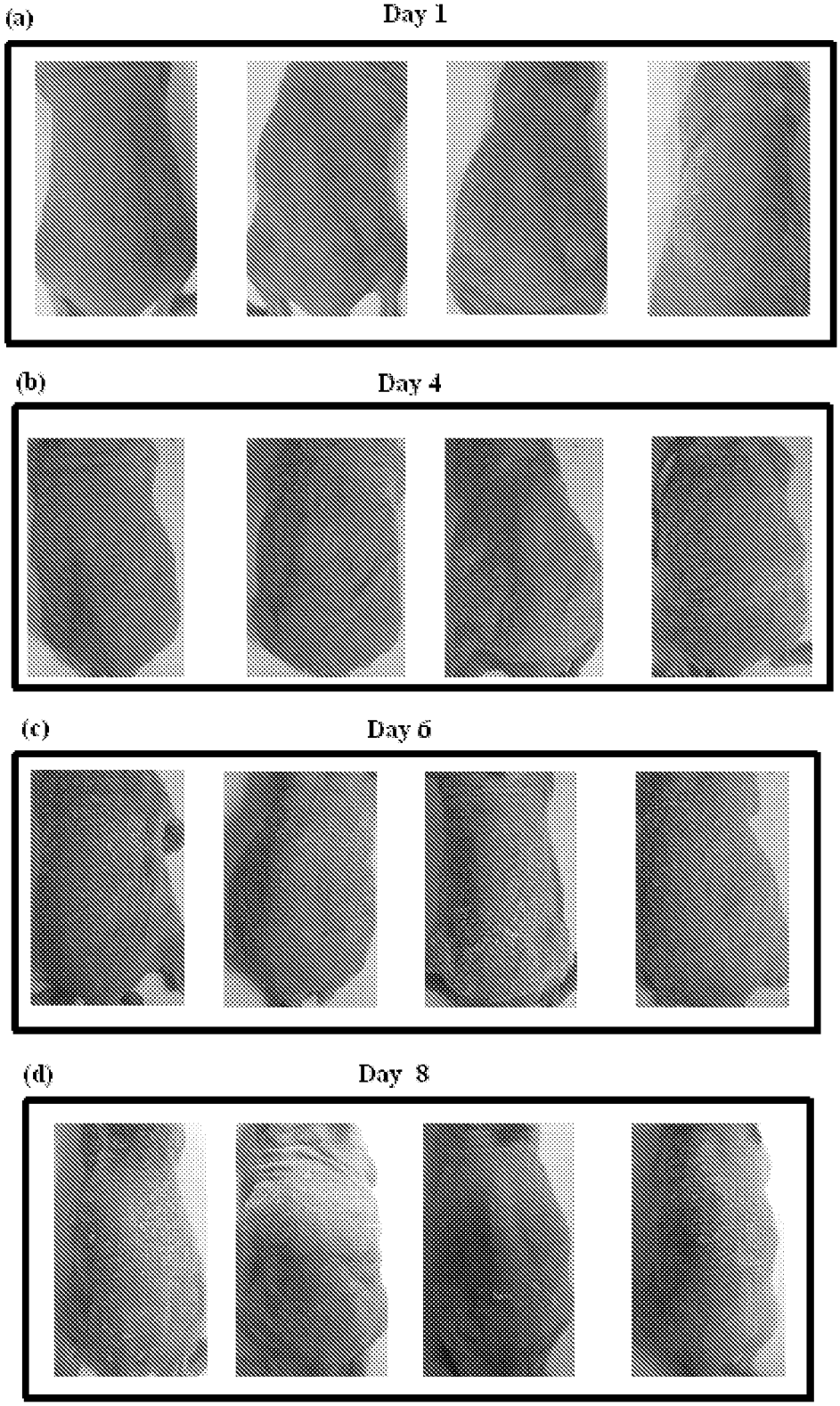


FIGURE 18

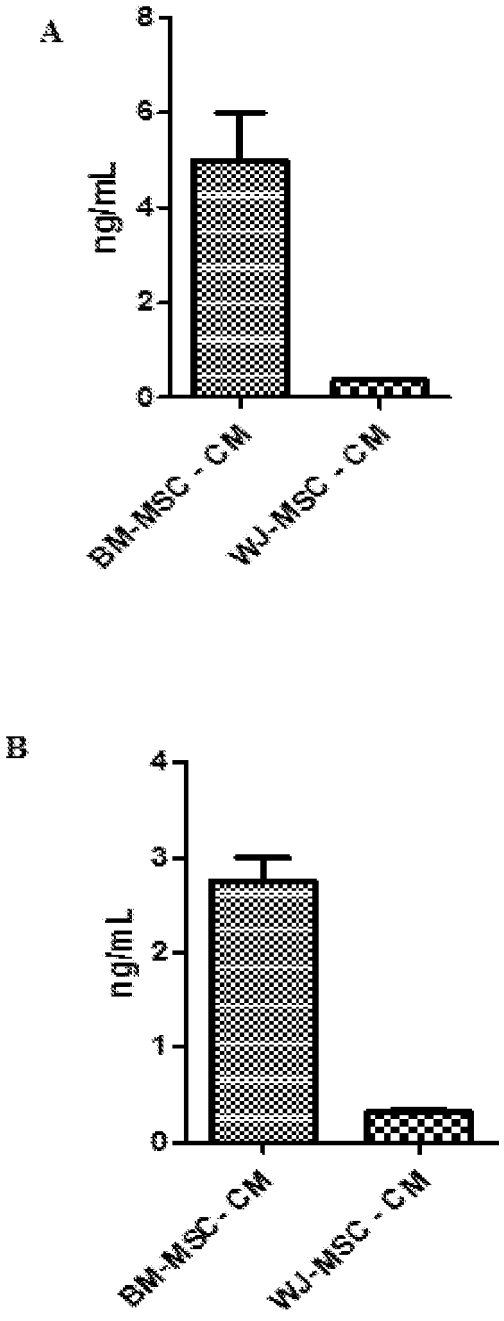


FIGURE 19