FIGURE 1

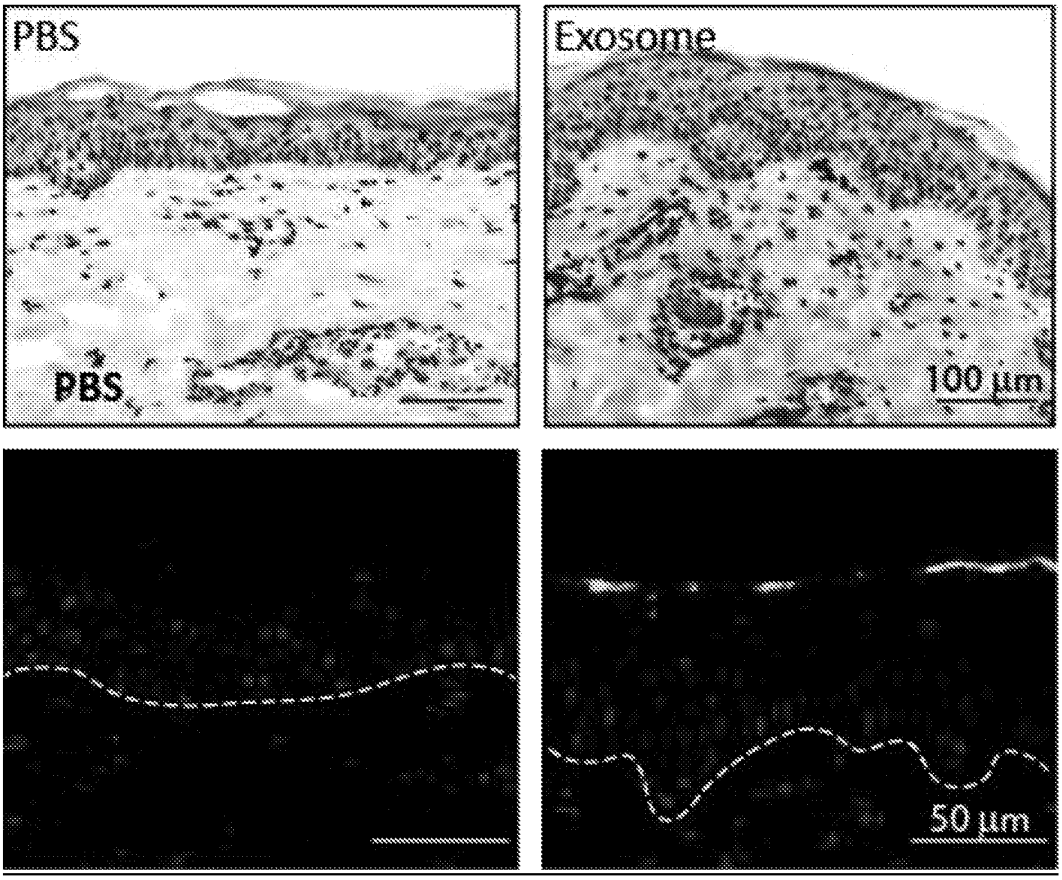


FIGURE 2

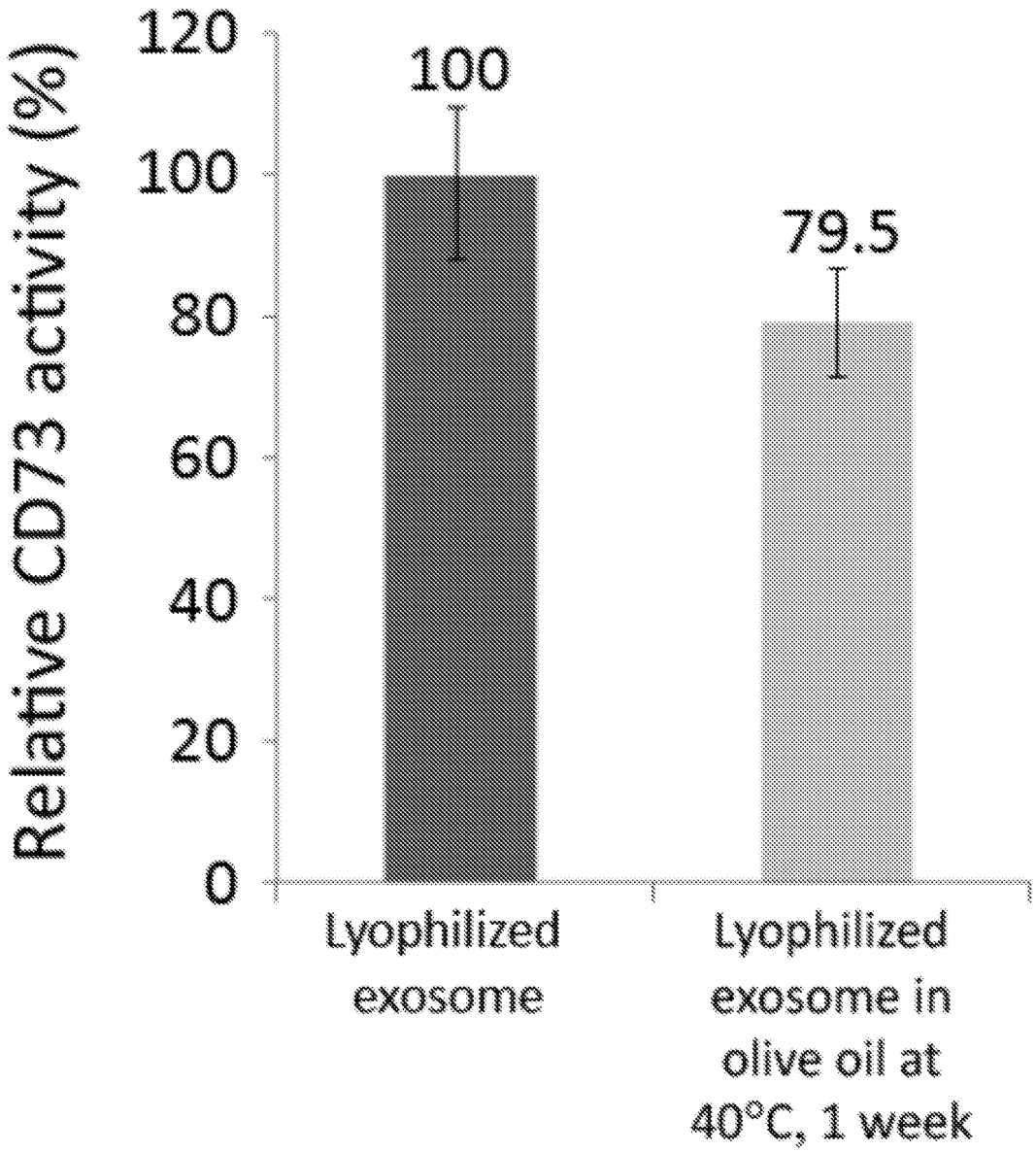

Relative CD73 activity (%)
120
100
80
60
40
20
0
100
79.5
Lyophilized exosome
Lyophilized exosome in olive oil at 40°C, 1 week

FIGURE 3

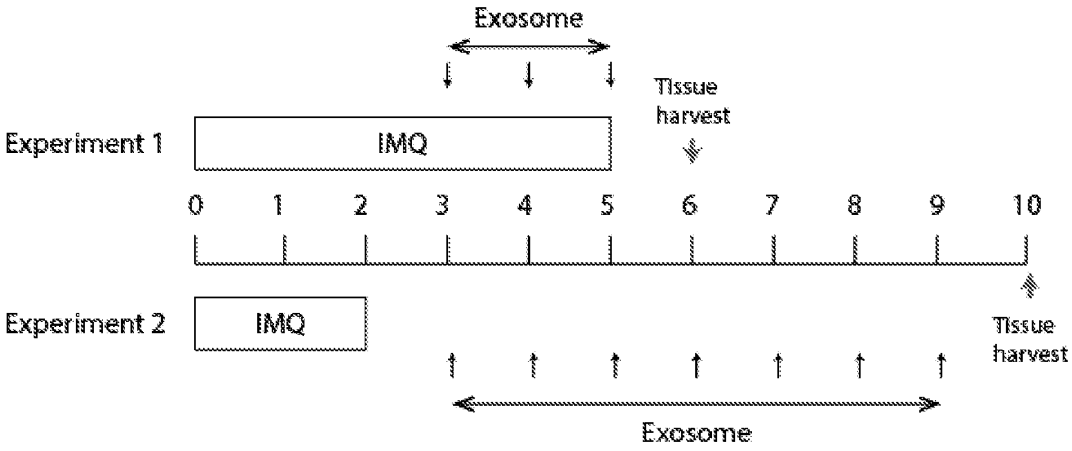
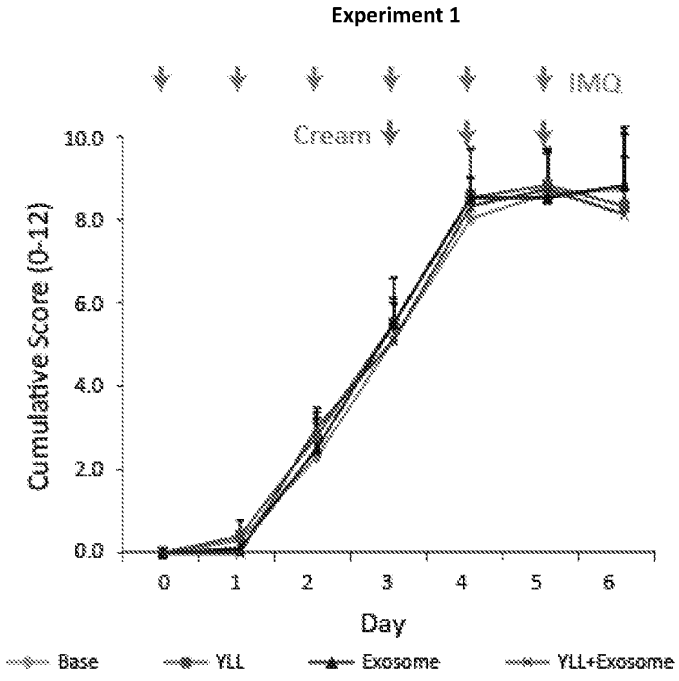

Exosome
Tissue harvest
Experiment 1
IMQ
0 1 2 3 4 5 6 7 8 9 10
Experiment 2
IMQ
Tissue harvest
Exosome

FIGURE 4


Experiment 1
IMQ
Cream
10.0
8.0
6.0
4.0
2.0
0.0
Cumulative Score (0-12)
0
1
2
3
4
5
6
Day
Base
YLL
Exosome
YLL+Exosome

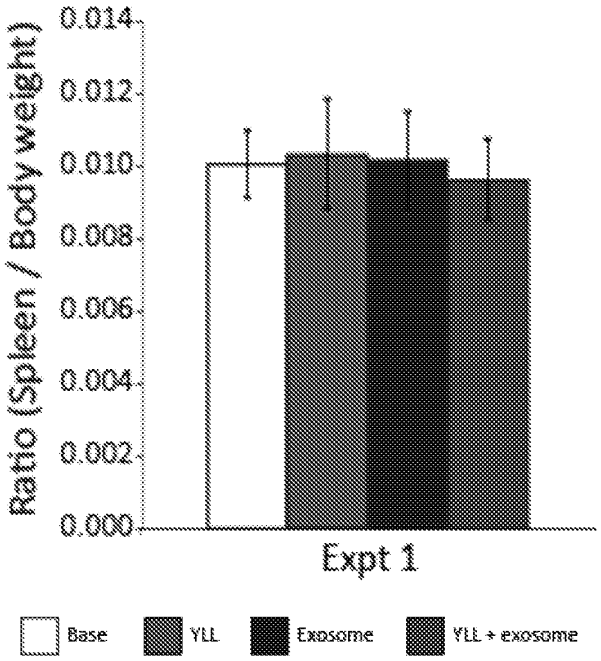

0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000
Ratio (Spleen / Body weight)
Expt 1
Base
YLL
Exosome
YLL + exosome

FIGURE 4 (CONTINUED)

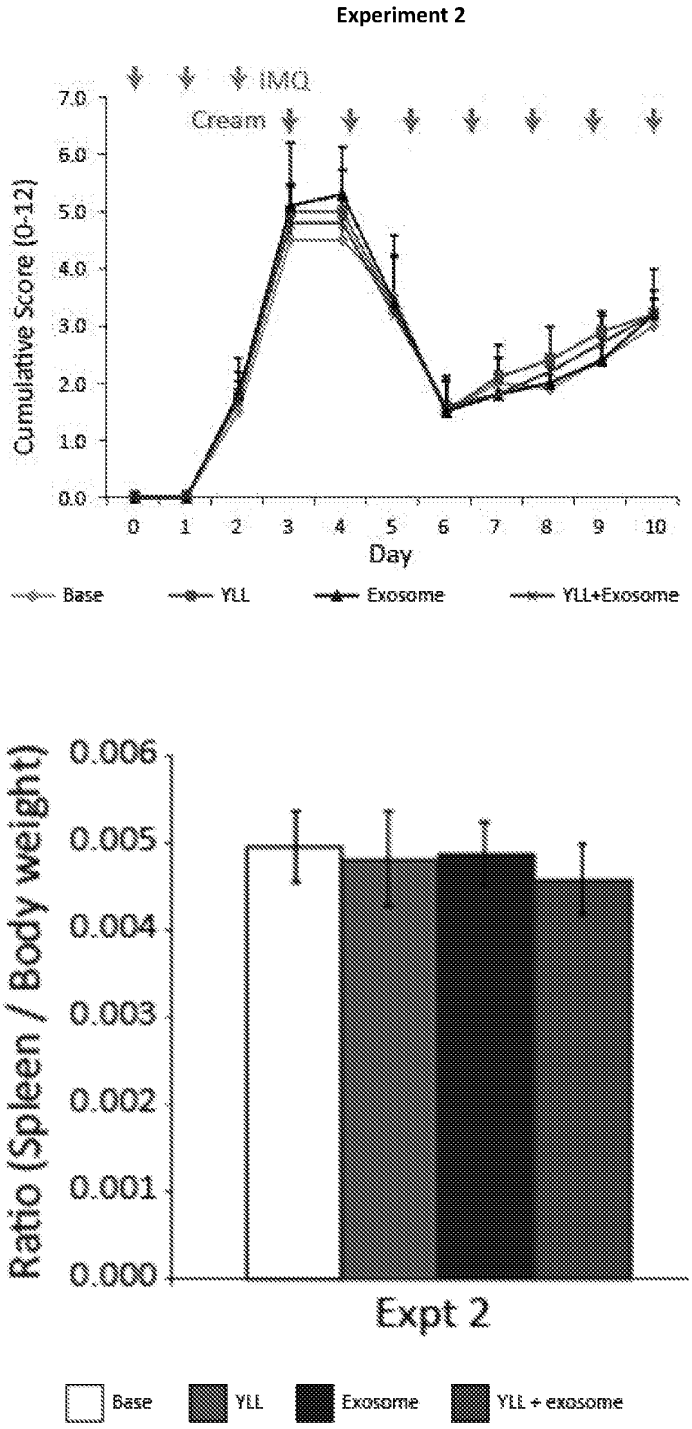


FIGURE 5

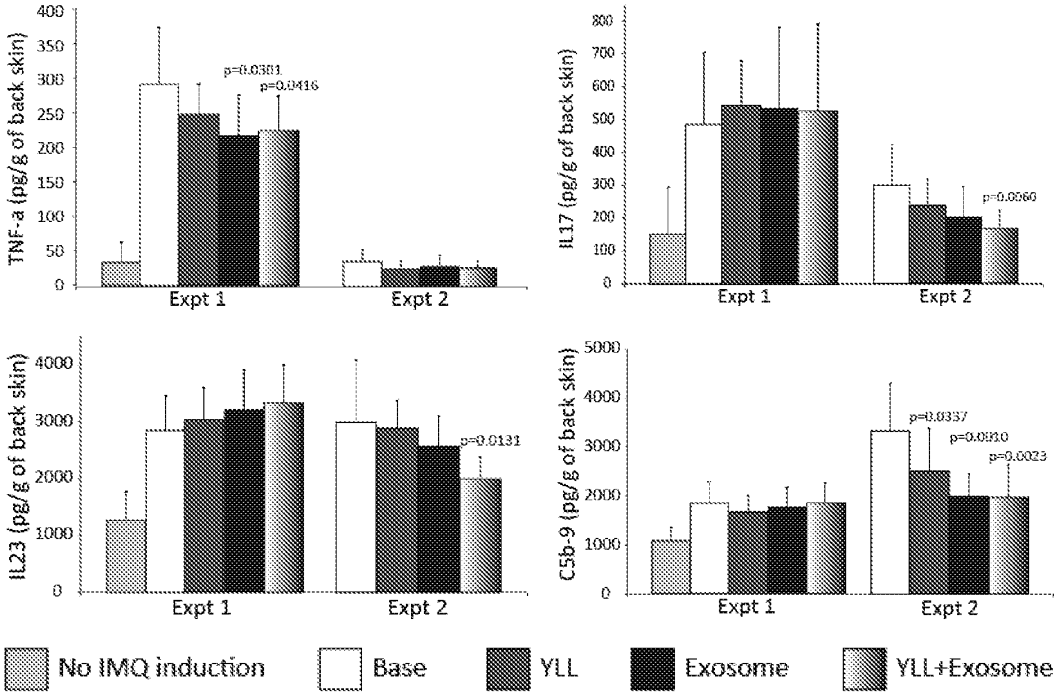

TNF-a (pg/g of back skin)
400
350
300
250
200
150
100
50
0
p=0.0381
p=0.0416
Expt 1
Expt 2
IL17 (pg/g of back skin)
800
700
600
500
400
300
200
100
0
p=0.0060
Expt 1
Expt 2
IL23 (pg/g of back skin)
4000
3000
2000
1000
0
p=0.0131
Expt 1
Expt 2
C5b-9 (pg/g of back skin)
5000
4000
3000
2000
1000
0
p=0.0337
p=0.0010
p=0.0023
Expt 1
Expt 2
No IMQ induction
Base
YLL
Exosome
YLL+Exosome

FIGURE 6A

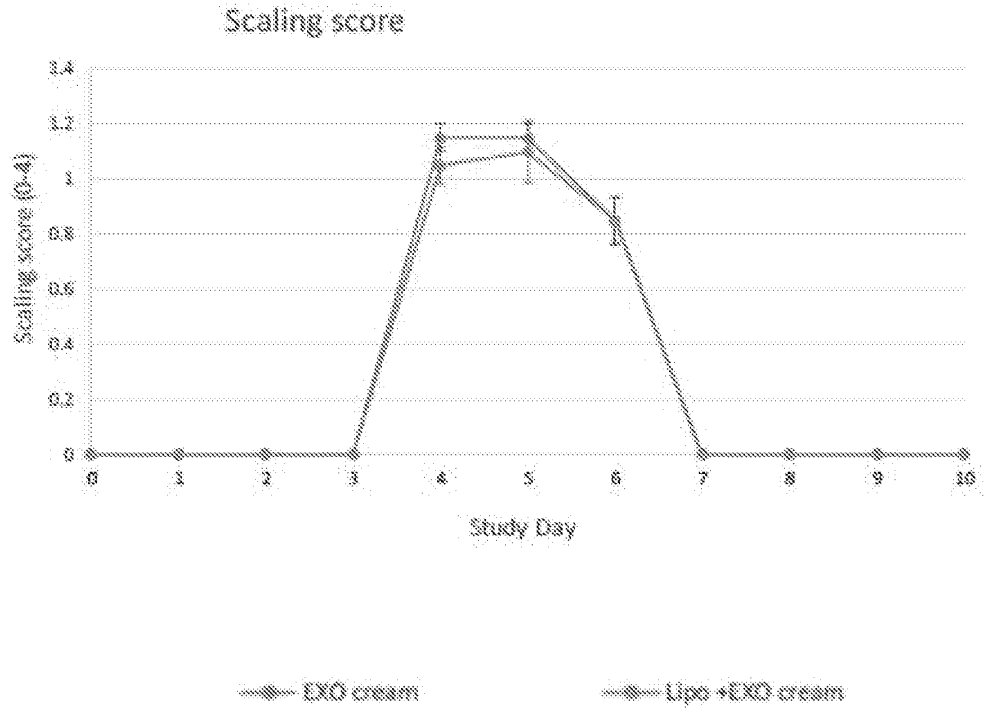

Scaling score
Scaling score (0-4)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
1
2
3
4
5
6
7
8
9
10
Study Day
EXO cream
Lipo +EXO cream

FIGURE 6B

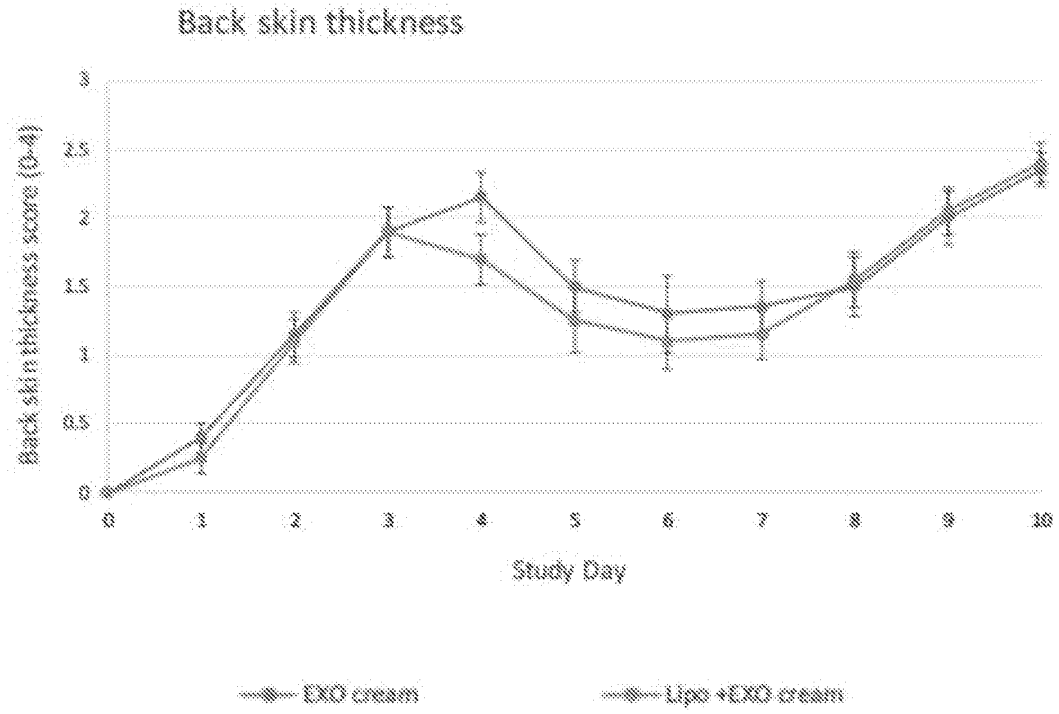

Back skin thickness
Back skin thickness score (0-4)
3
2.5
2
1.5
1
0.5
0
0
1
2
3
4
5
6
7
8
9
10
Study Day
EXO cream
Lipo +EXO cream

FIGURE 6C

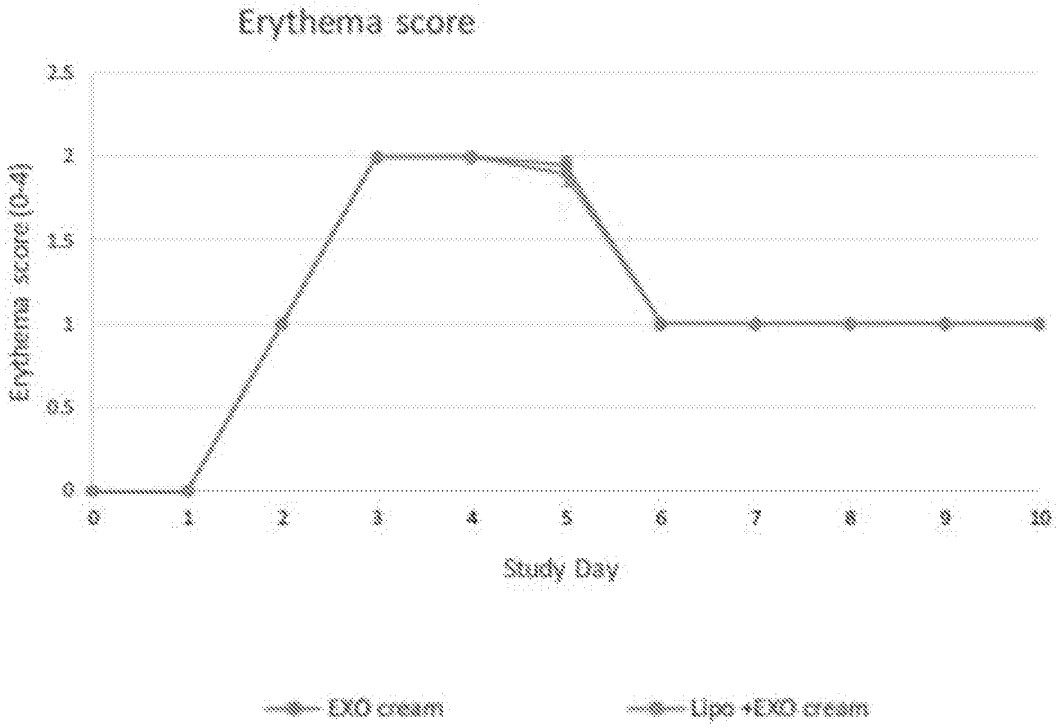

Erythema score
Erythema score (0-4)
2.5
2
1.5
1
0.5
0
0
1
2
3
4
5
6
7
8
9
10
Study Day
EXO cream
Lipo +EXO cream

FIGURE 6D

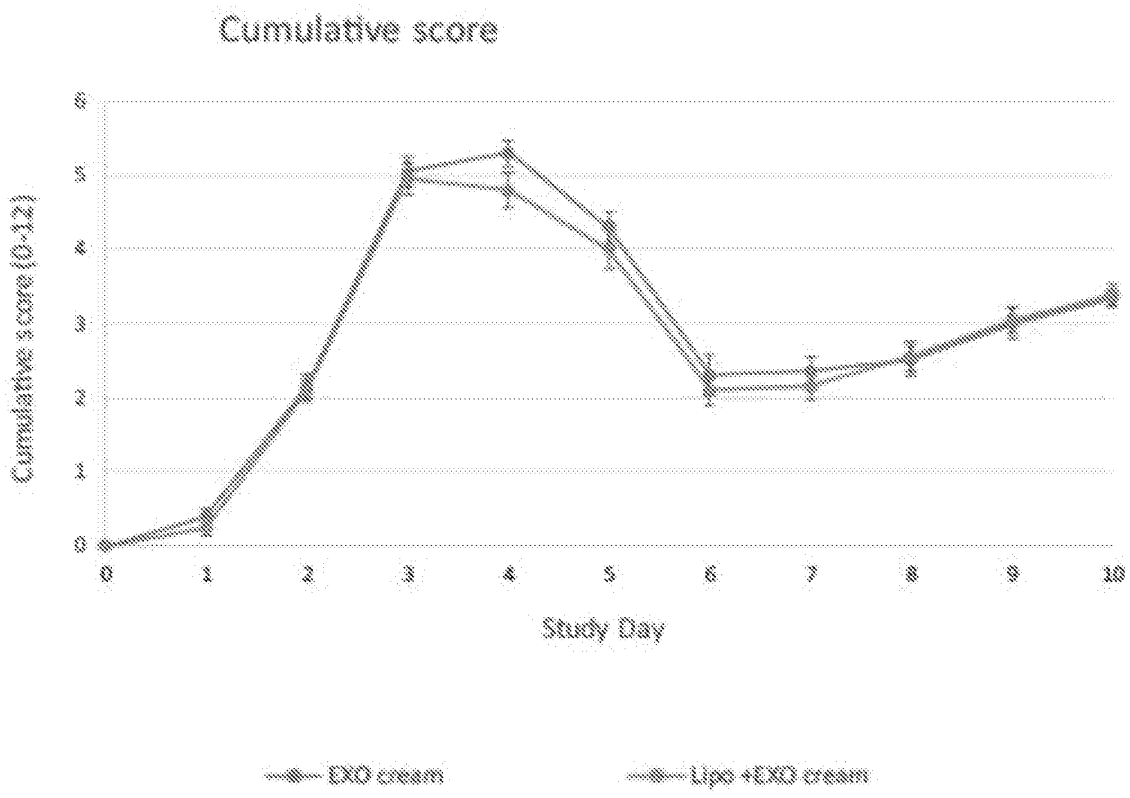
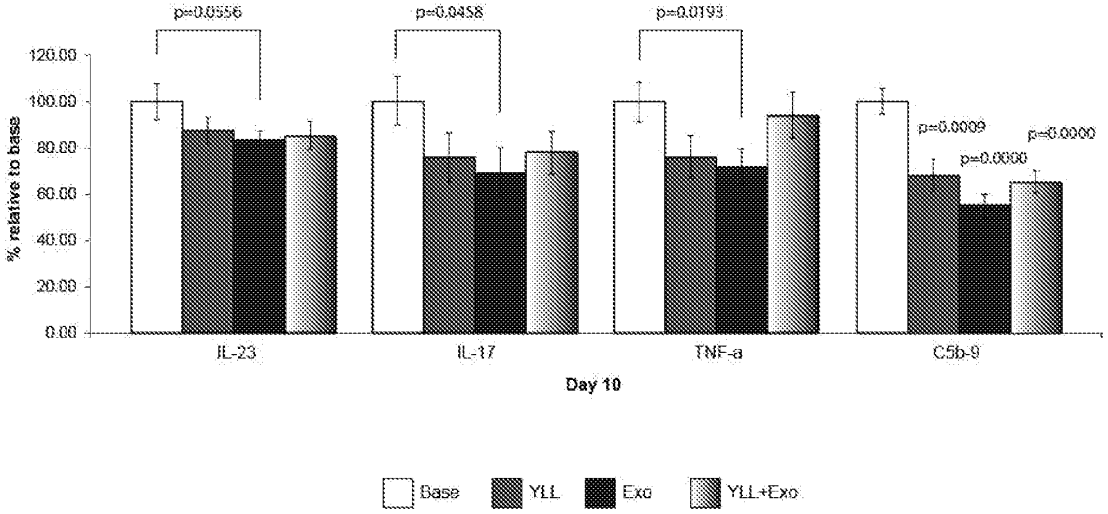

Cumulative score
Cumulative score (0-12)
0
1
2
3
4
5
6
Study Day
0
1
2
3
4
5
6
7
8
9
10
DXO cream
Upo +DXO cream

FIGURE 7


p=0.0556
p=0.0458
p=0.0193
p=0.0009
p=0.0000
p=0.0000
120.00
100.00
80.00
60.00
40.00
20.00
0.00
% relative to base
IL-23
IL-17
TNF-a
C5b-9
Day 10
Base
YLL
Exo
YLL+Exo