FIG. 1

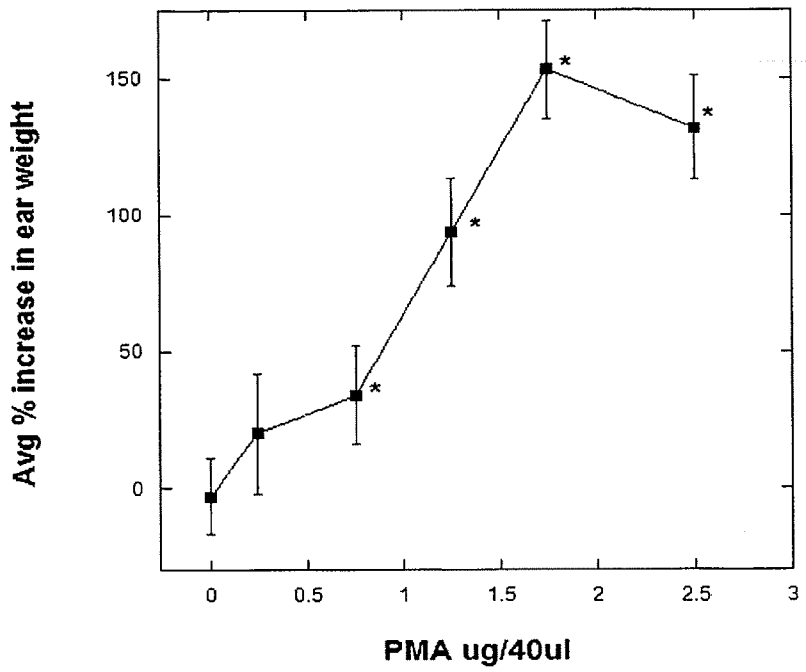

Avg % increase in ear weight
150
100
50
0
0
0.5
1
1.5
2
2.5
3
PMA ug/40ul
*
*
*
*

FIG. 2

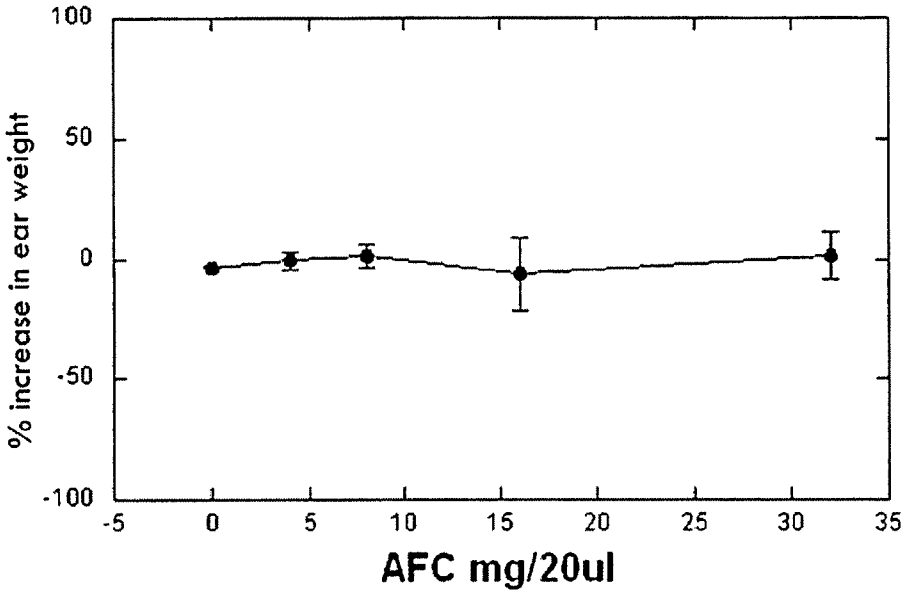

100
50
0
-50
-100
% increase in ear weight
-5
0
5
10
15
20
25
30
35
AFC mg/20ul

FIG. 3

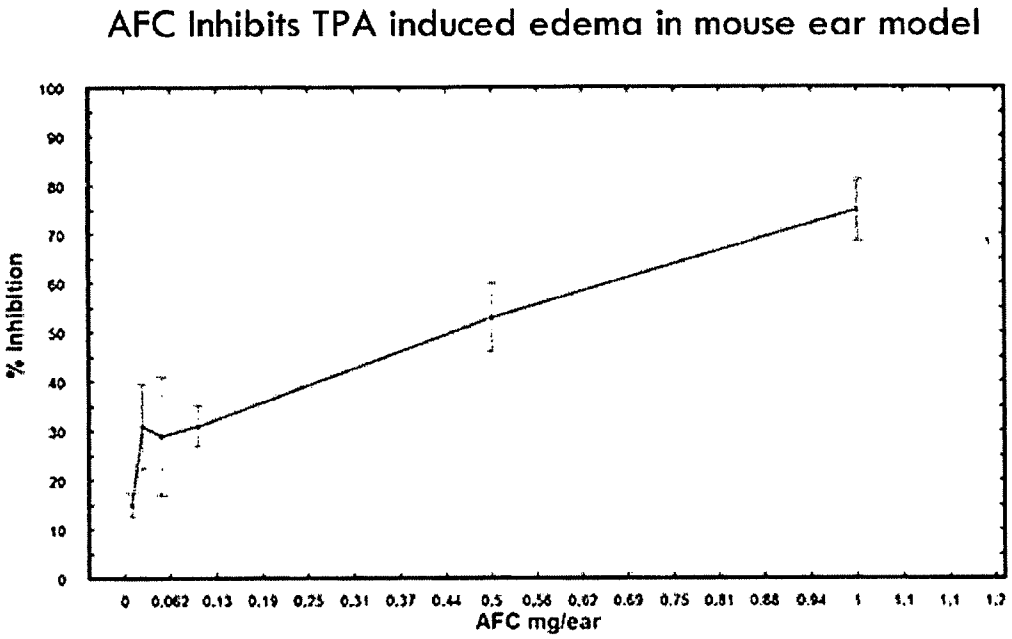

AFC Inhibits TPA induced edema in mouse ear model
% Inhibition
100
90
80
70
60
50
40
30
20
10
0
0 0.062 0.13 0.19 0.25 0.31 0.37 0.44 0.5 0.56 0.62 0.69 0.75 0.81 0.88 0.94 1 1.1 1.1 1.2
AFC mg/ear

FIG. 4

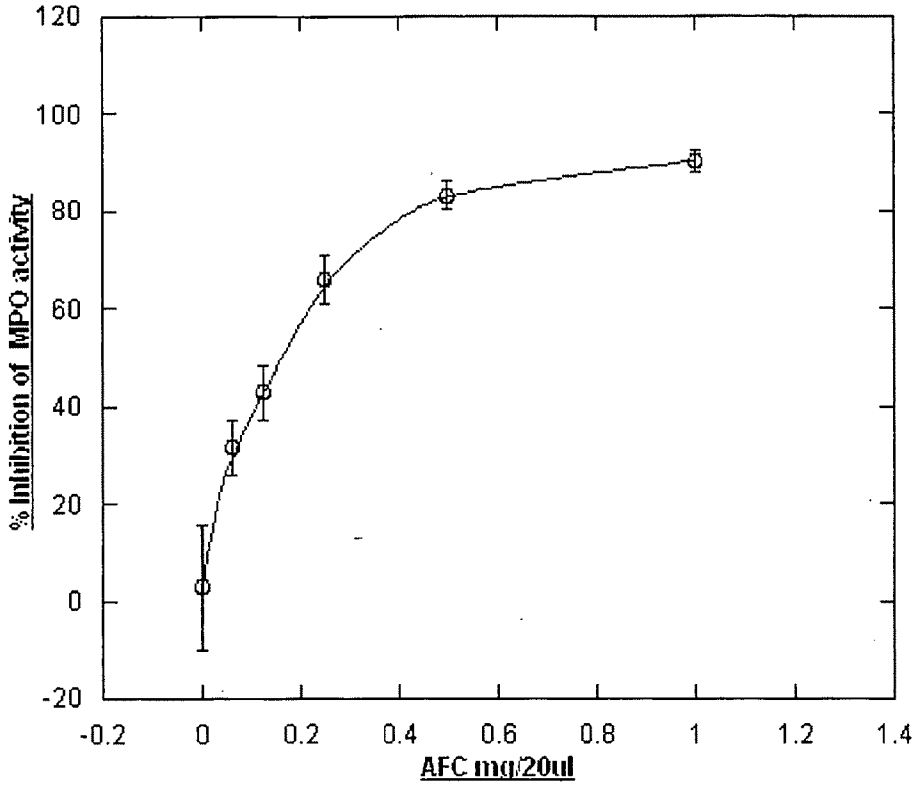

120
100
80
60
40
20
0
-20
% Inhibition of MPO activity
-0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4
AFC mg/20ul

FIG. 5

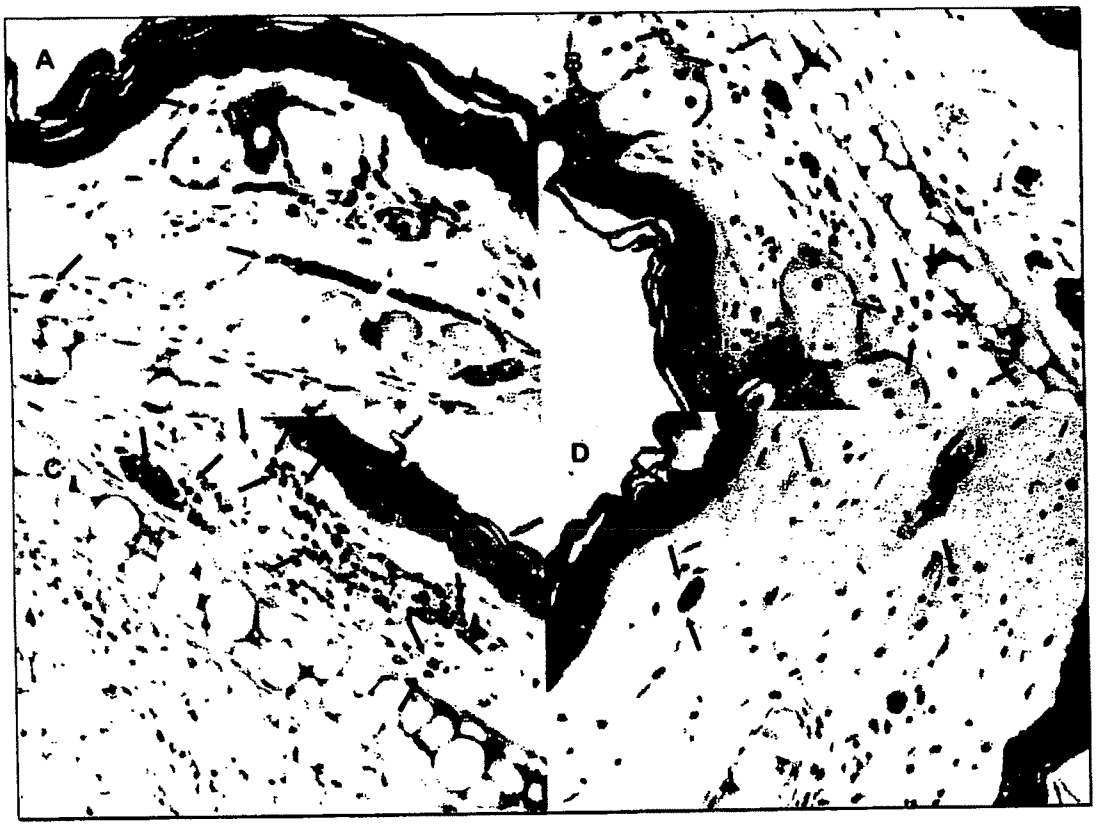


FIG. 6

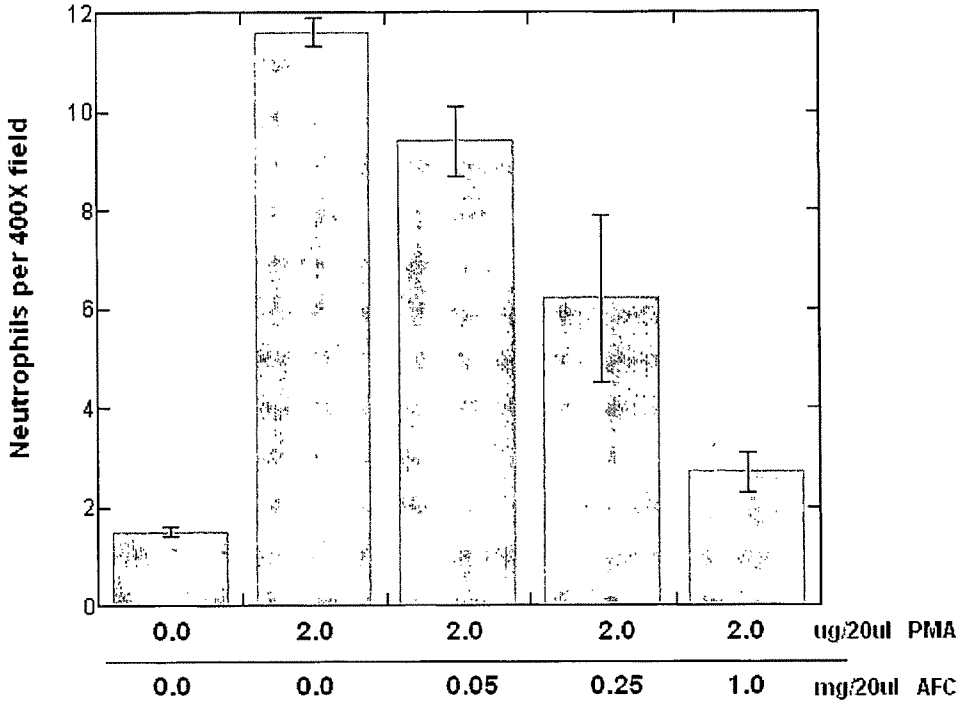

Neutrophils per 400X field
12
10
8
6
4
2
0
0.0
2.0
2.0
2.0
2.0
ug/20ul PMA
0.0
0.0
0.05
0.25
1.0
mg/20ul AFC

FIG. 7

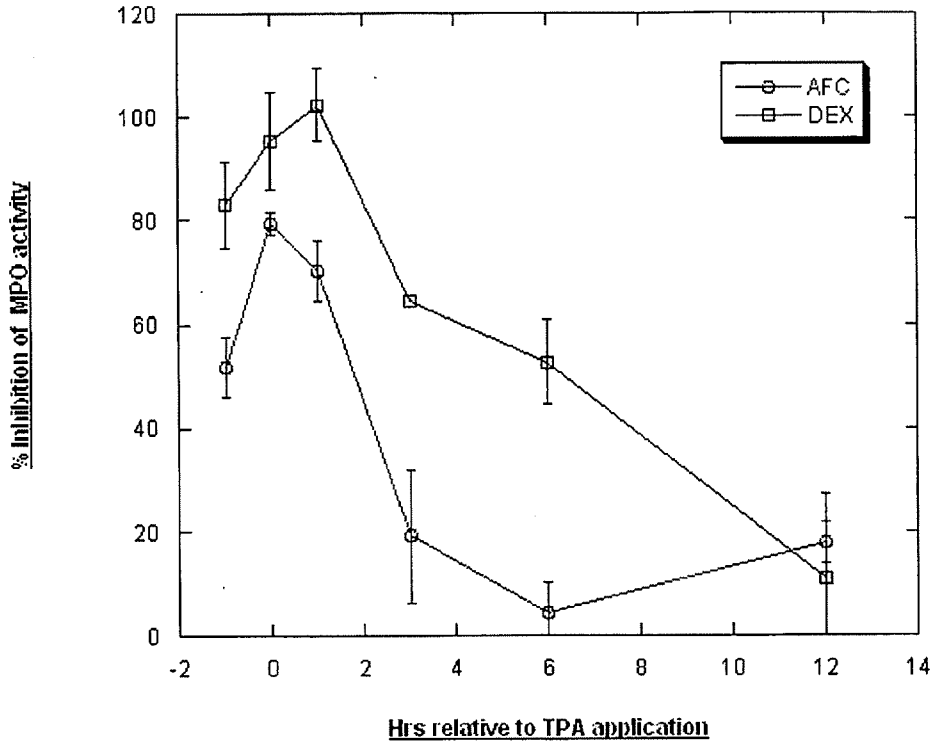

120
100
80
60
40
20
0
-2
0
2
4
6
8
10
12
14
AFC
DEX
% Inhibition of MPO activity
Hrs relative to TPA application

FIG. 8A

Fig. 8A

B = AFC treated ear.
C = Vehicle treated ear.



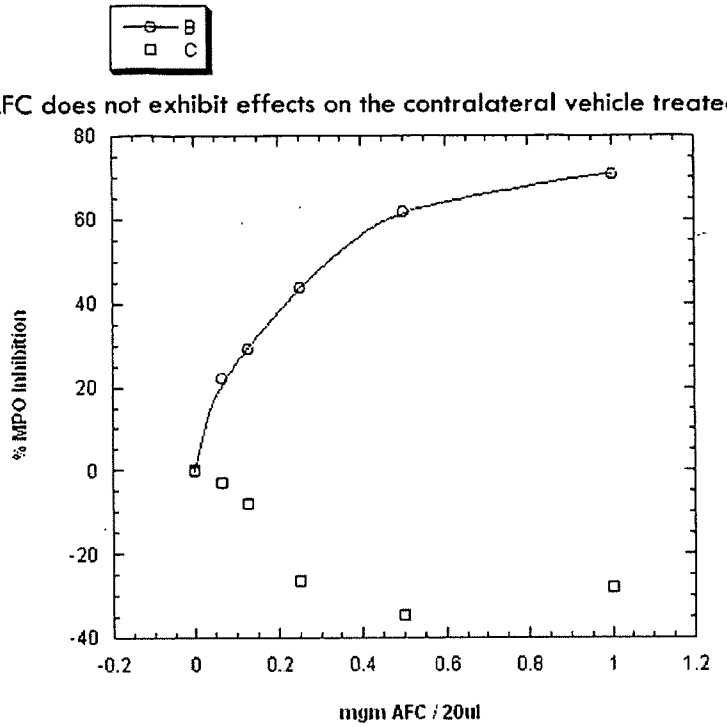


FIG. 8B

Fig. 8B

B = AFC treated ear.
D = Vehicle treated ear.

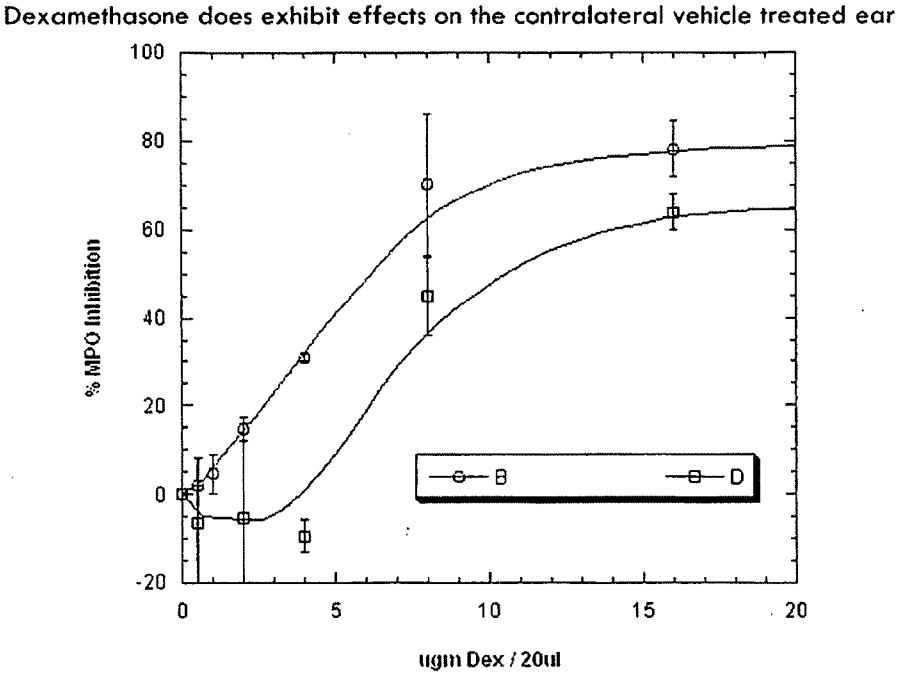


FIG. 8C

Fig. 8C

B = AFC treated ear.
D = Vehicle treated ear.

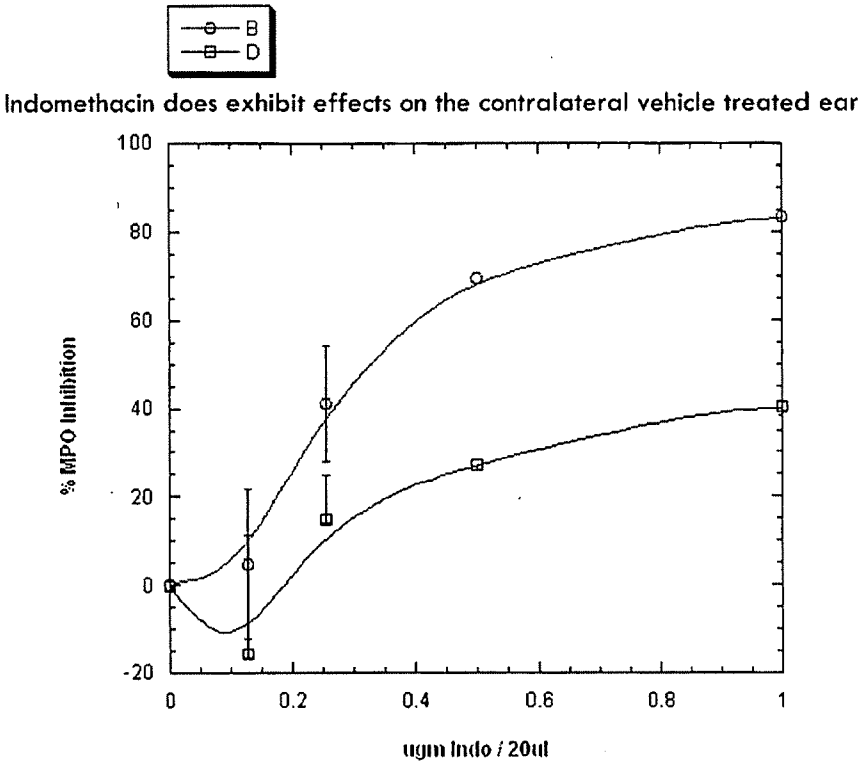


FIG. 9

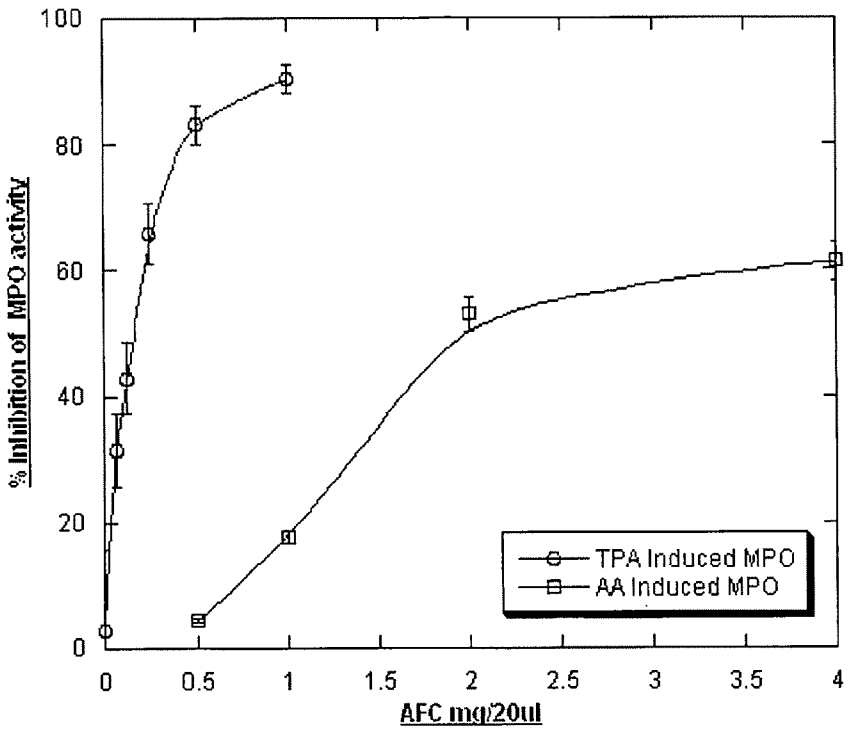

100
80
60
40
20
0
% Inhibition of MPO activity
0
0.5
1
1.5
2
2.5
3
3.5
4
AFC mg/20ul
TPA Induced MPO
AA Induced MPO

FIG. 10

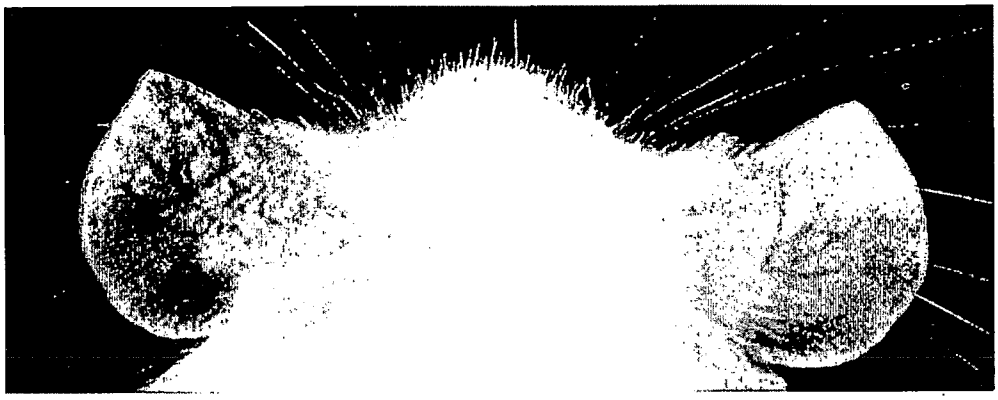
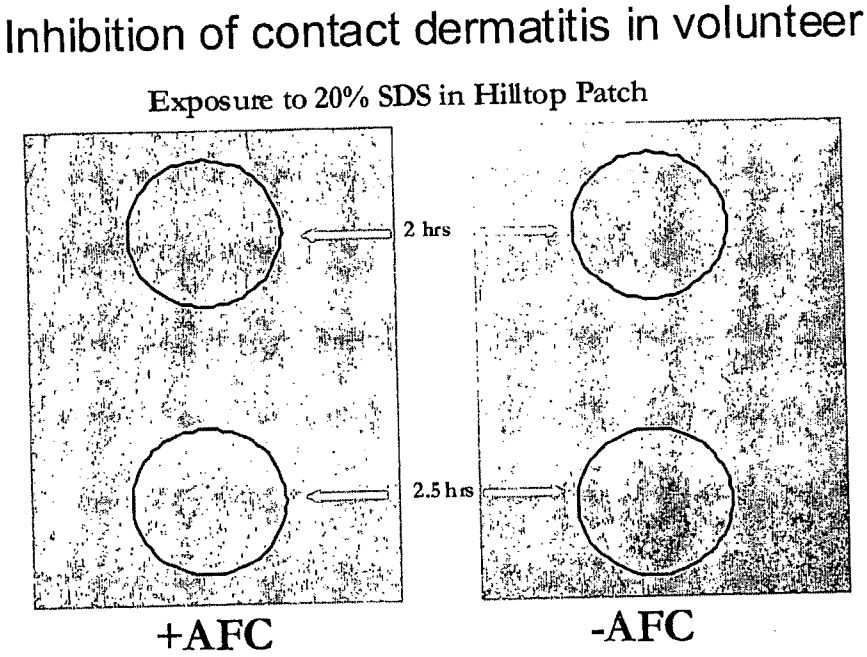


FIG. 11


Inhibition of contact dermatitis in volunteer
Exposure to 20% SDS in Hilltop Patch
2 hrs
2.5 hrs
+AFC
-AFC