1/16

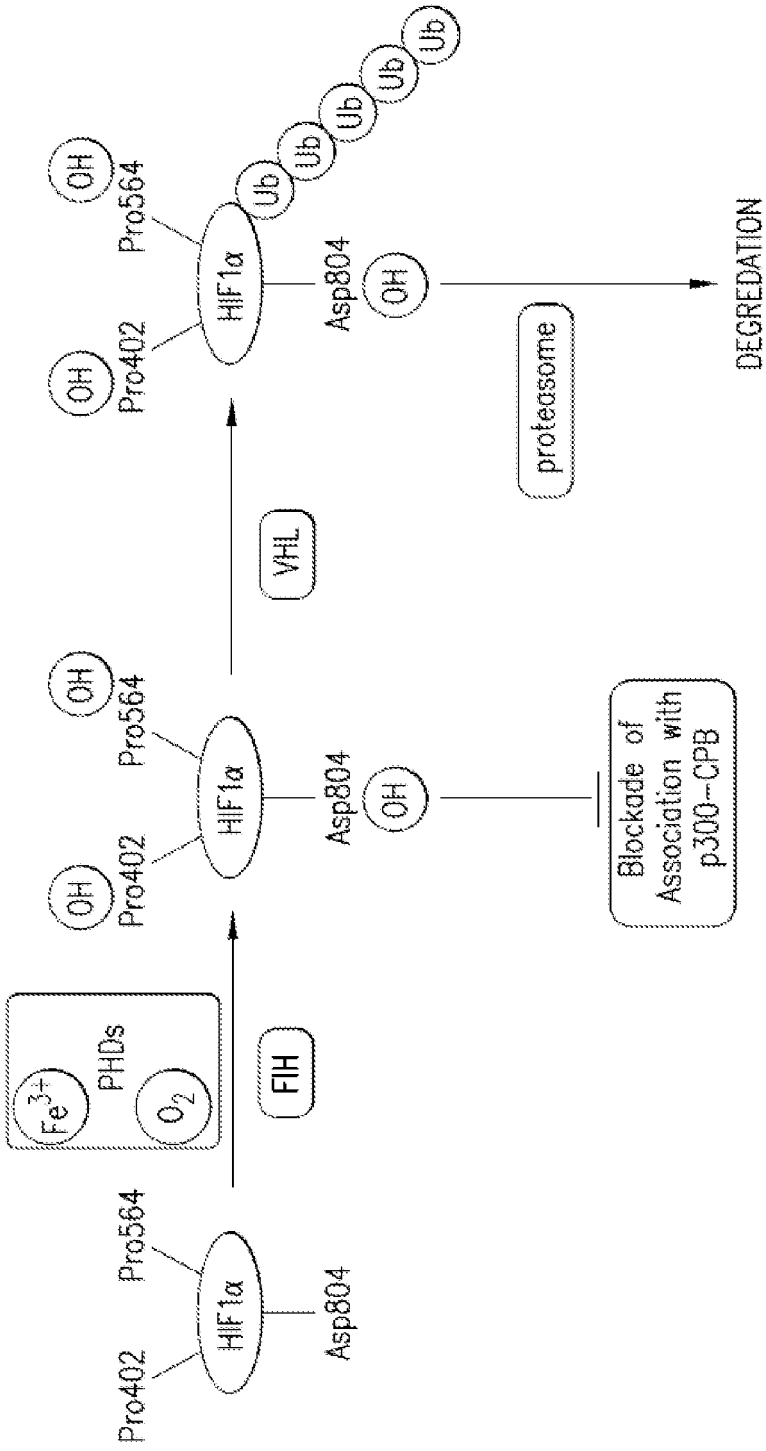

Pro402
Pro564
HIF1α
Asp804
FIH
Fe^{3+}
PHDs
O_2
OH
Pro402
Pro564
HIF1α
Asp804
OH
Blockade of Association with p300-CPB
VHL
OH
Pro402
Pro564
HIF1α
Asp804
OH
Ub
Ub
Ub
Ub
Ub
proteasome
DEGREDATION

FIG. 1

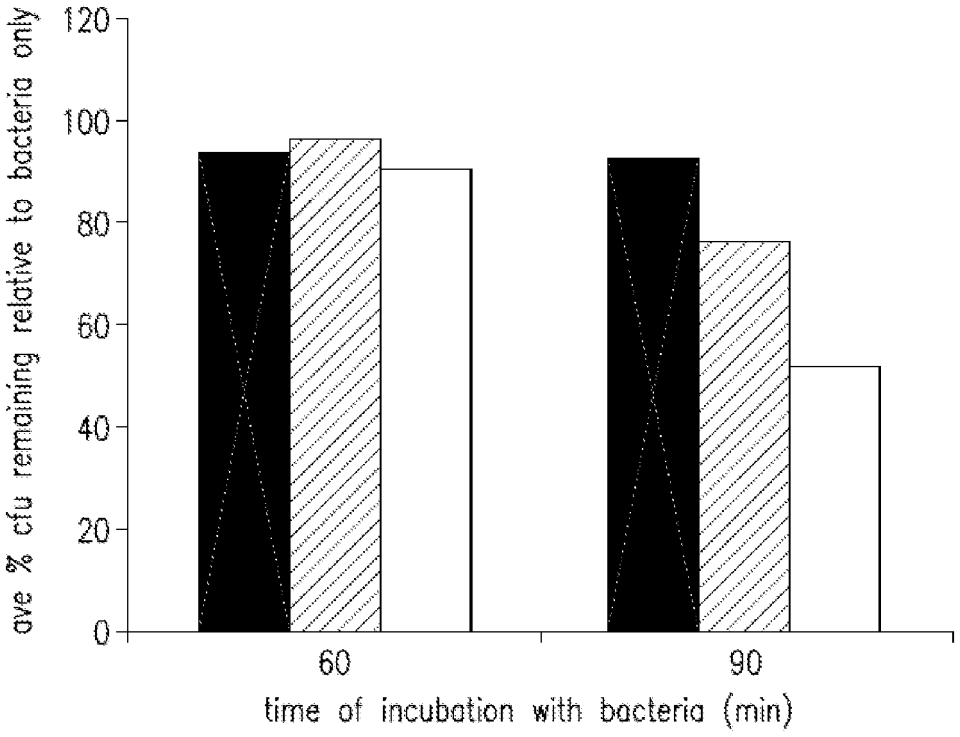

ave % cfu remaining relative to bacteria only
120
100
80
60
40
20
0
60
90
time of incubation with bacteria (min)

FIG.2

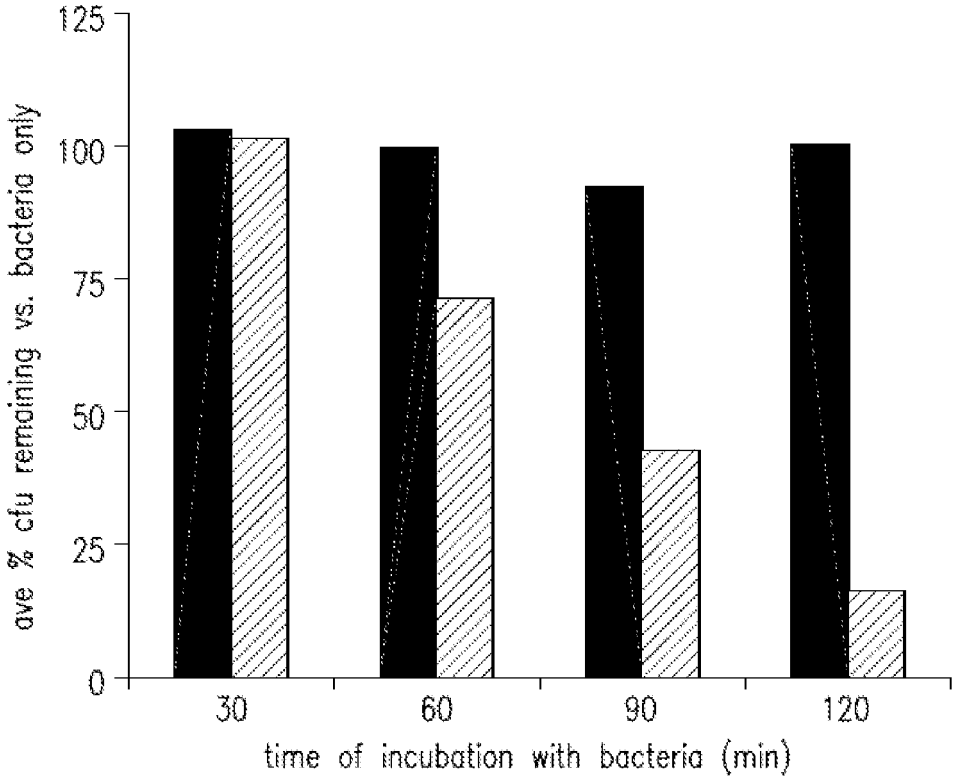

125
100
75
50
25
0
ave % cfu remaining vs. bacteria only
30
60
90
120
time of incubation with bacteria (min)

FIG.3

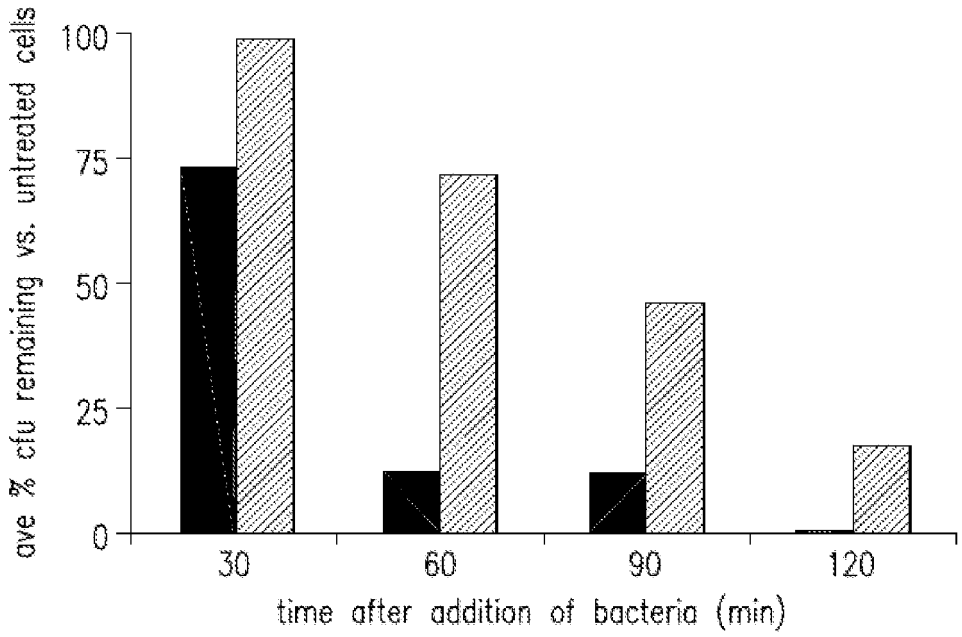

ave % cfu remaining vs. untreated cells
100
75
50
25
0
30
60
90
120
time after addition of bacteria (min)

FIG.4

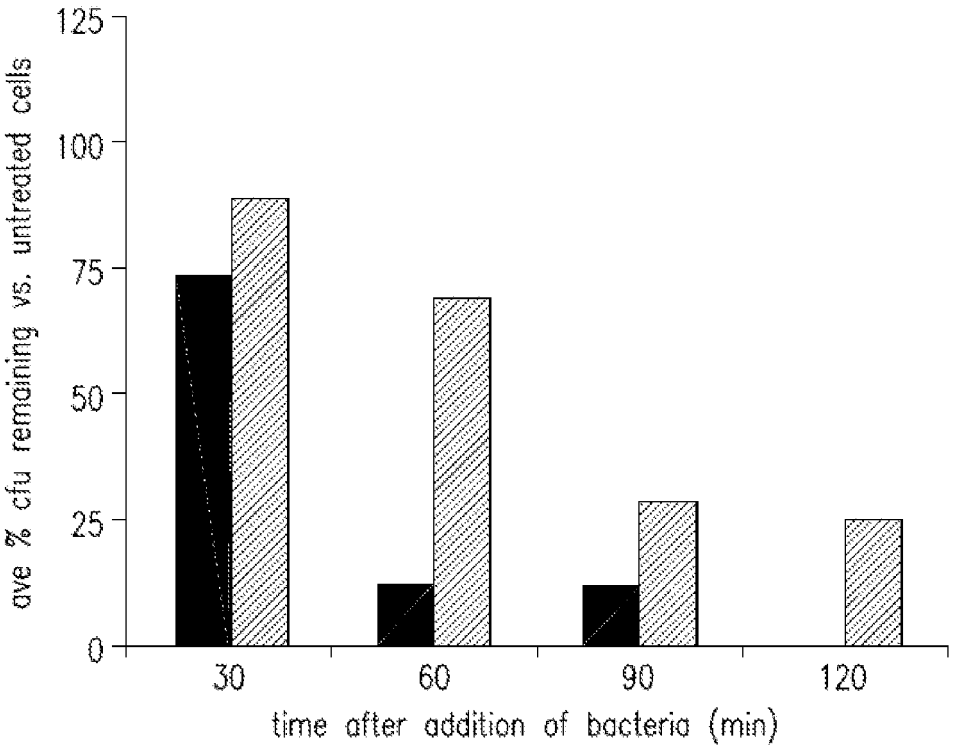

125
100
75
50
25
0
ave % cfu remaining vs. untreated cells
30
60
90
120
time after addition of bacteria (min)

FIG.5

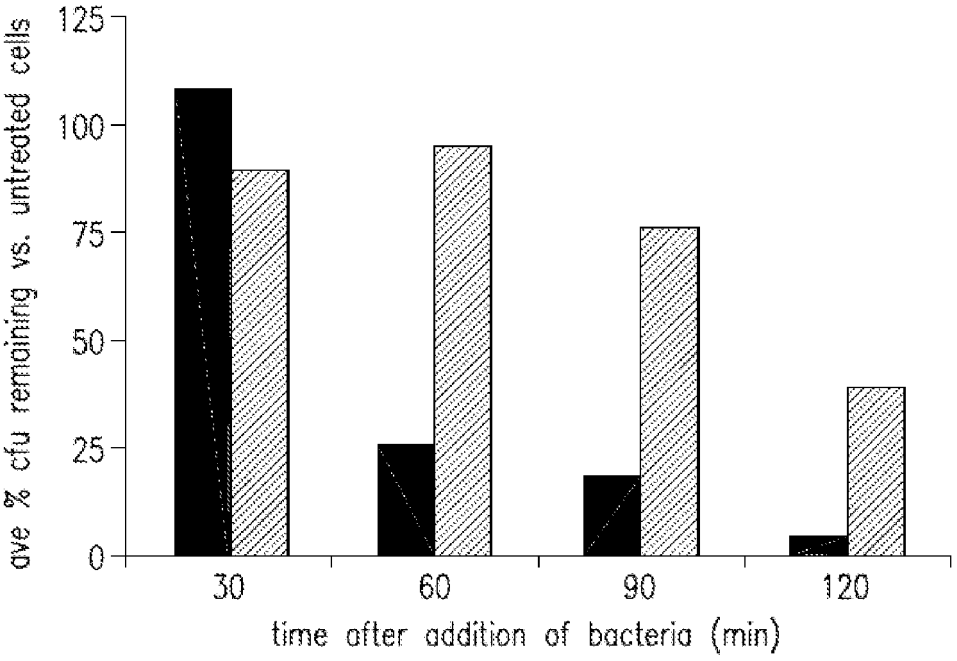

ave % cfu remaining vs. untreated cells
125
100
75
50
25
0
30
60
90
120
time after addition of bacteria (min)

FIG.6

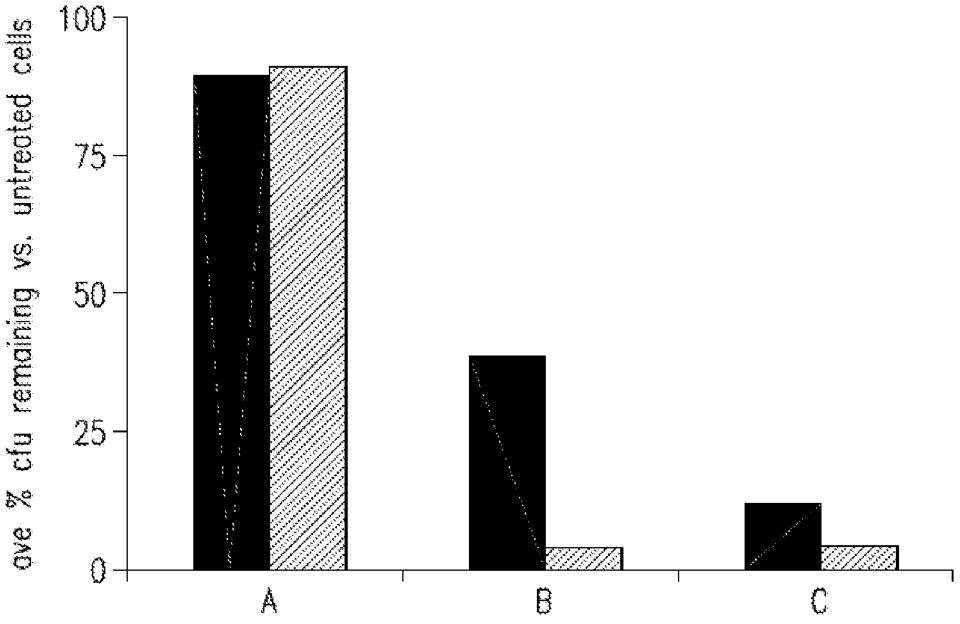


FIG.7

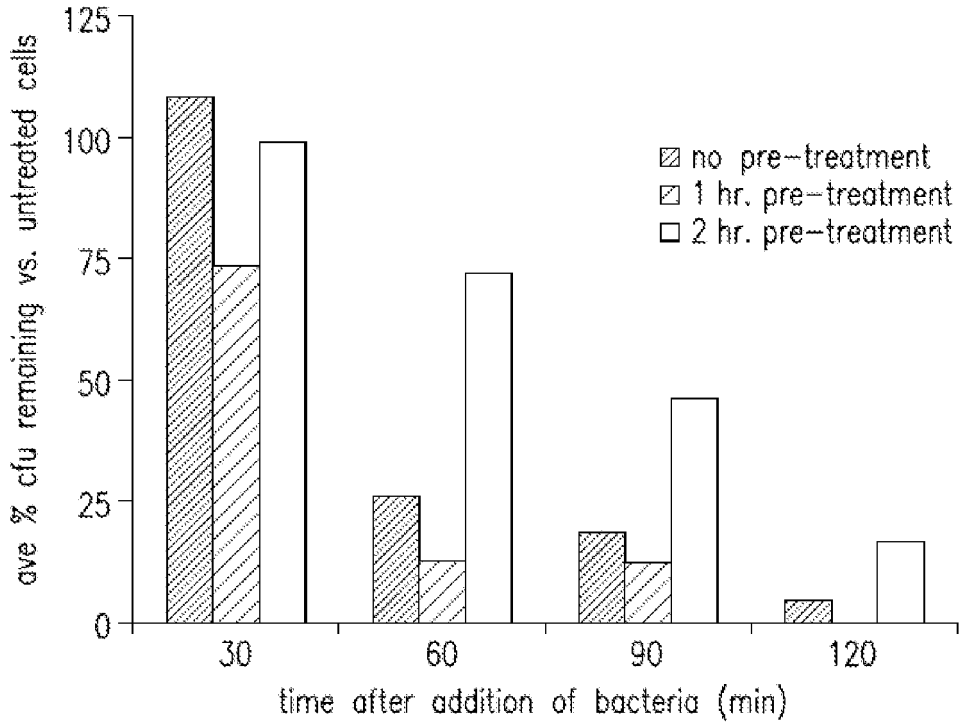

125
100
75
50
25
0
ave % cfu remaining vs. untreated cells
no pre-treatment
1 hr. pre-treatment
2 hr. pre-treatment
30
60
90
120
time after addition of bacteria (min)

FIG.8

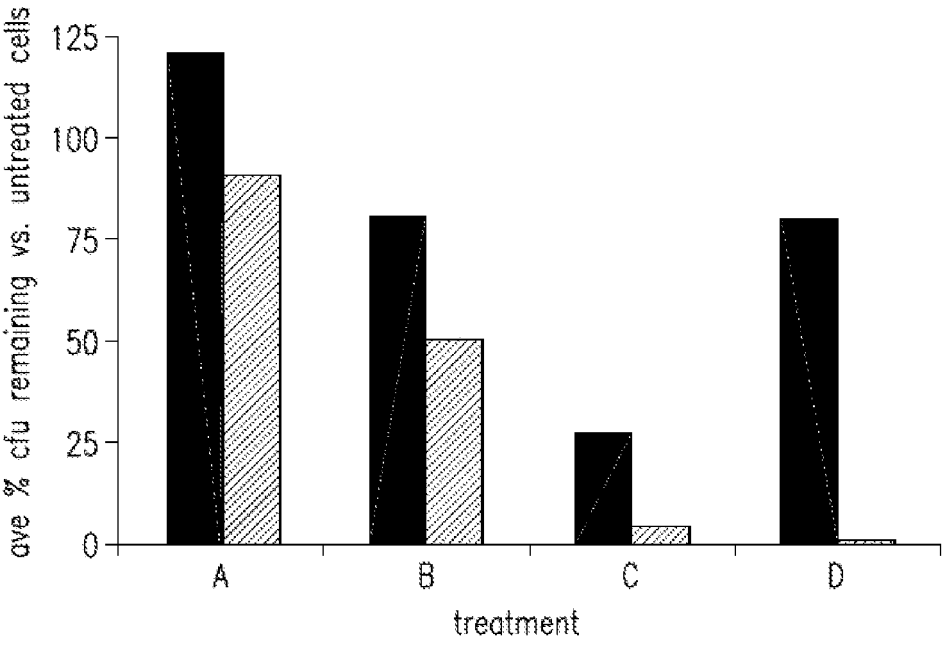

ave % cfu remaining vs. untreated cells
125
100
75
50
25
0
A
B
C
D
treatment

FIG.9

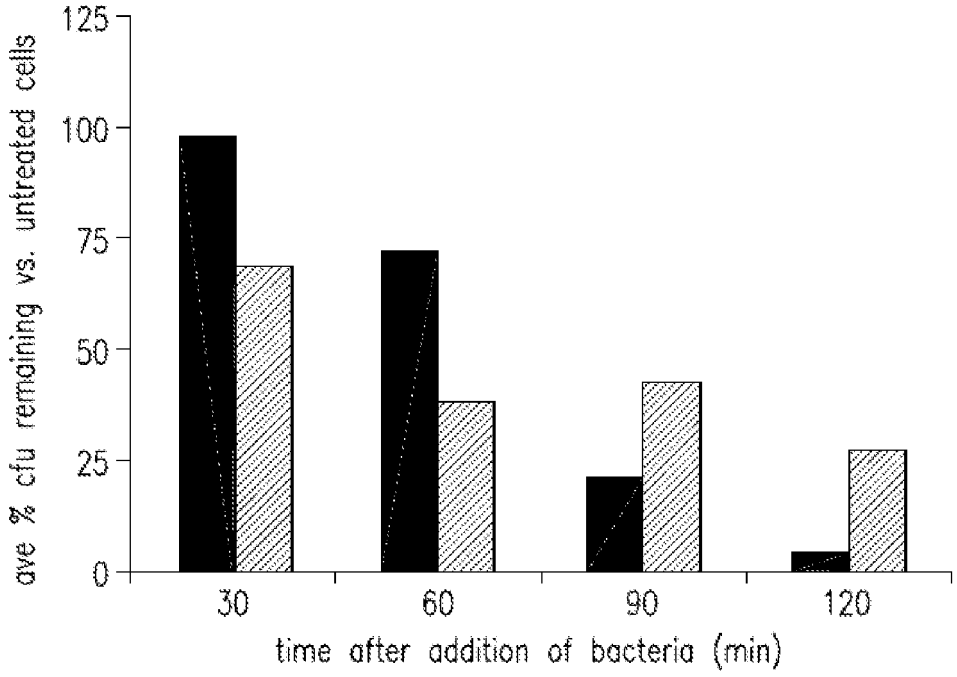

125
100
75
50
25
0
ave % cfu remaining vs. untreated cells
30
60
90
120
time after addition of bacteria (min)

FIG.10

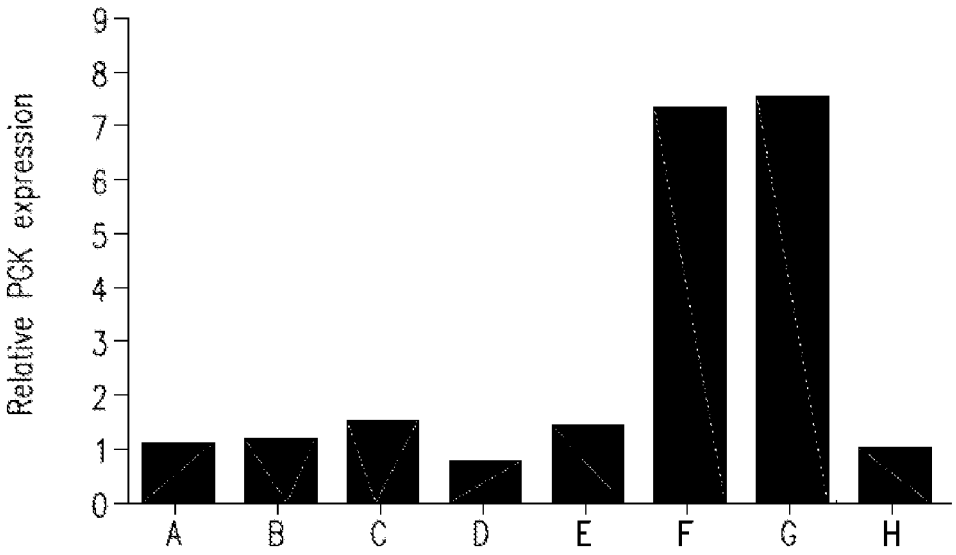


FIG.11

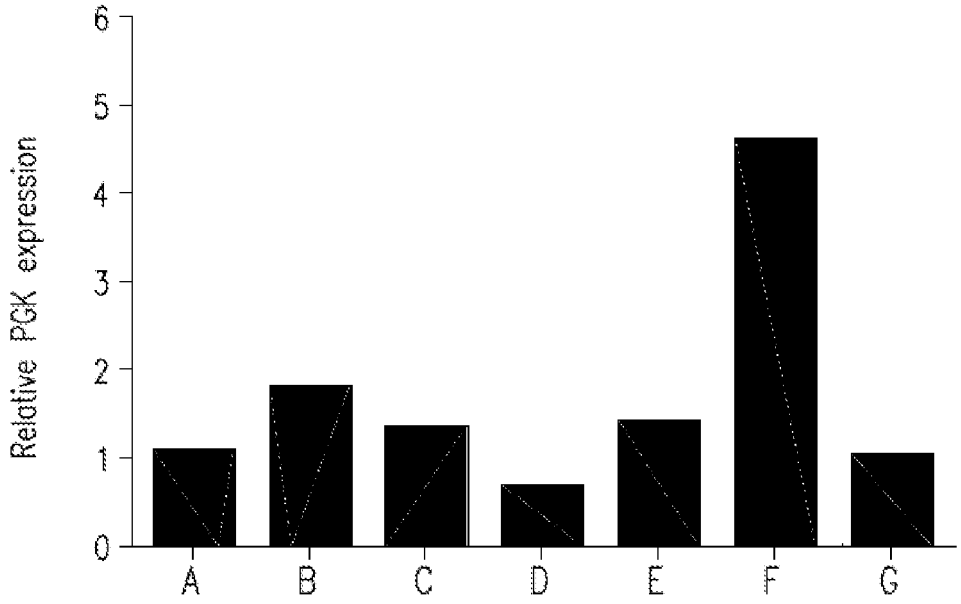


FIG.12

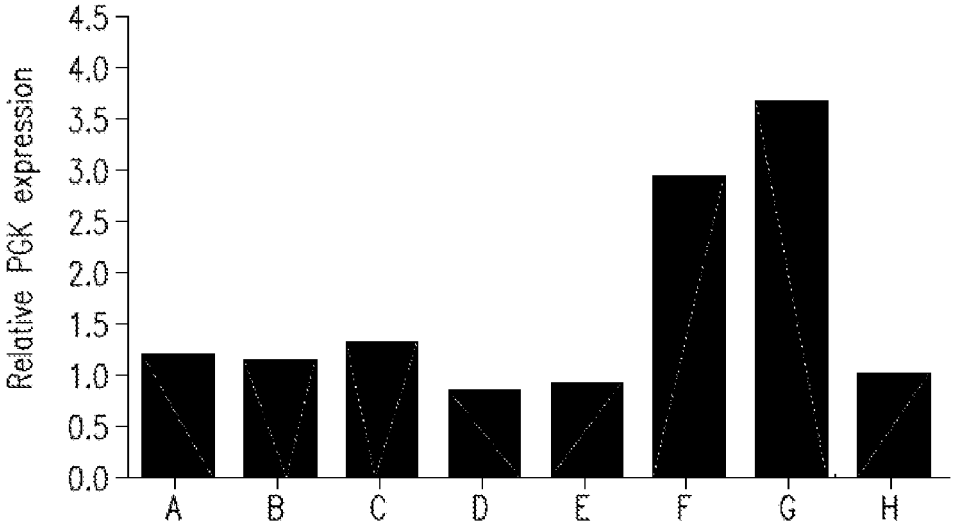

Relative PGK expression
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
A
B
C
D
E
F
G
H

FIG.13

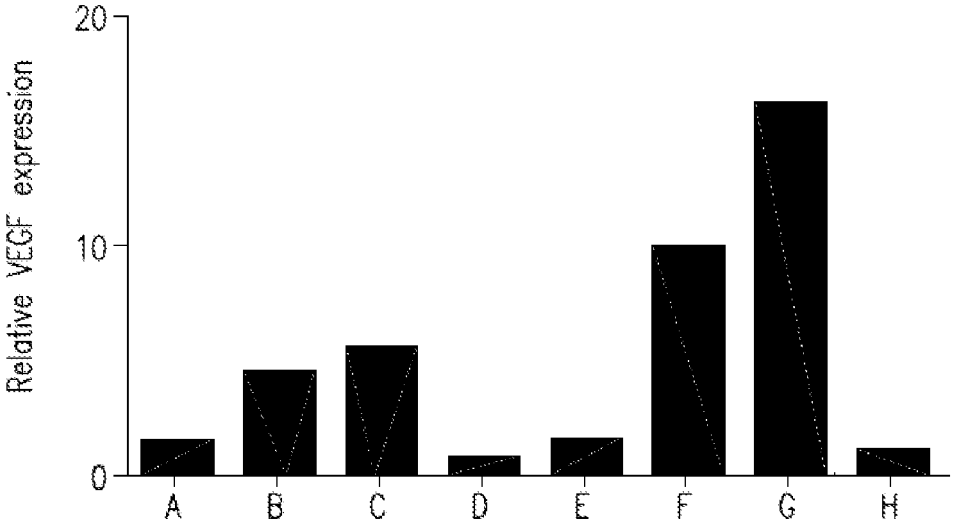

Relative VEGF expression
20
10
0
A
B
C
D
E
F
G
H

FIG.14

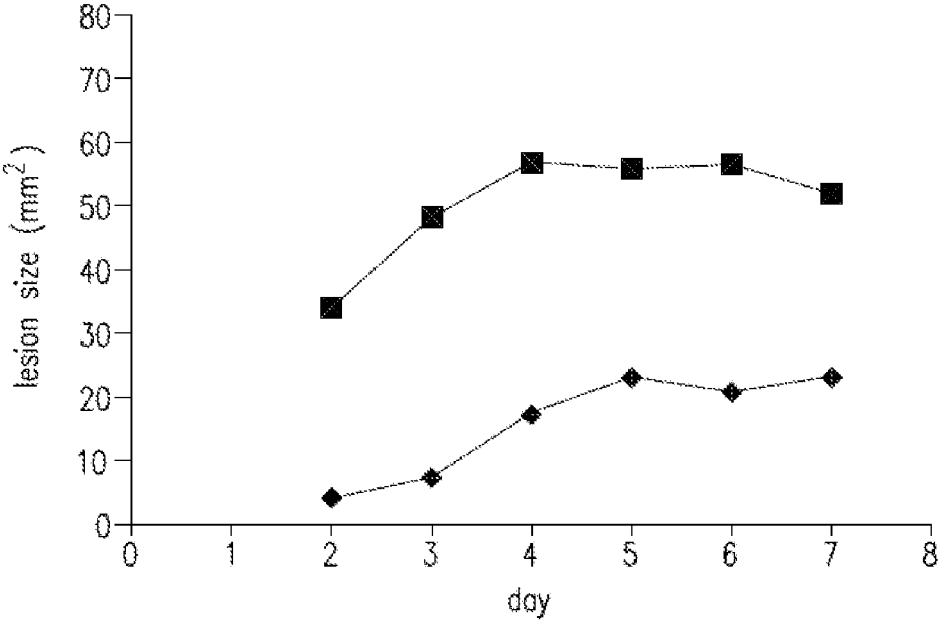

lesion size (mm^2)
80
70
60
50
40
30
20
10
0
0 1 2 3 4 5 6 7 8
day

FIG.15

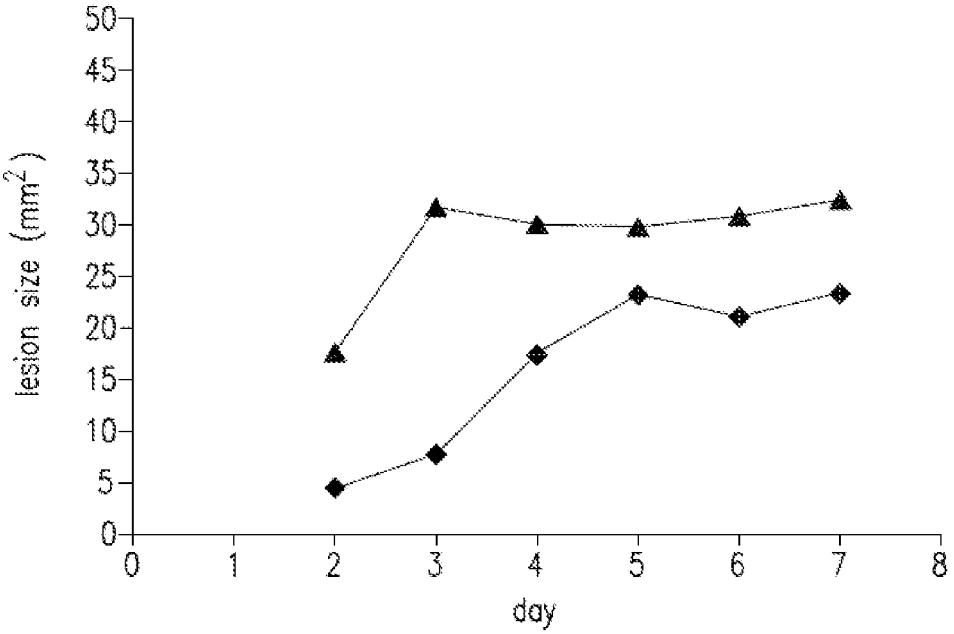

lesion size (mm^2)
50
45
40
35
30
25
20
15
10
5
0
0 1 2 3 4 5 6 7 8
day

FIG.16

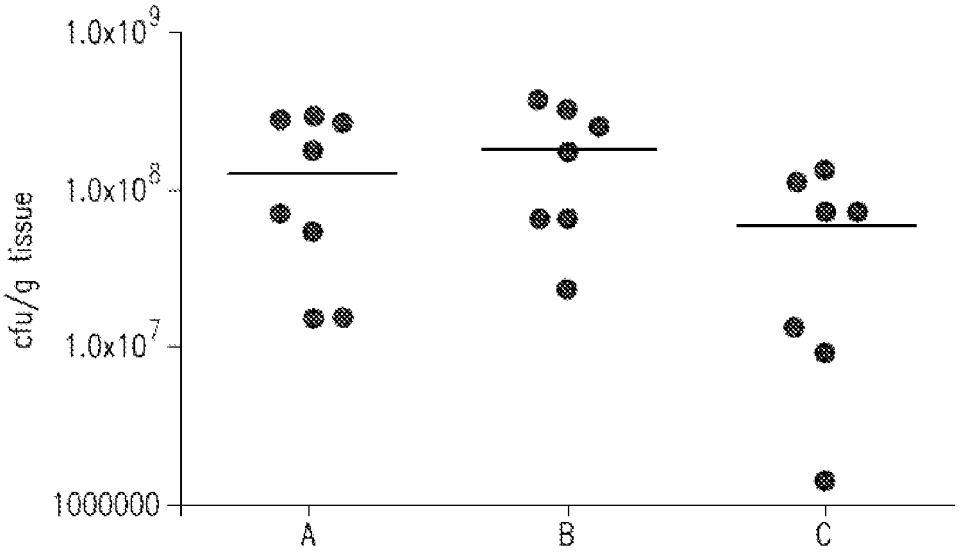

1.0x10^9
1.0x10^8
1.0x10^7
1000000
cfu/g tissue
A
B
C

FIG.17

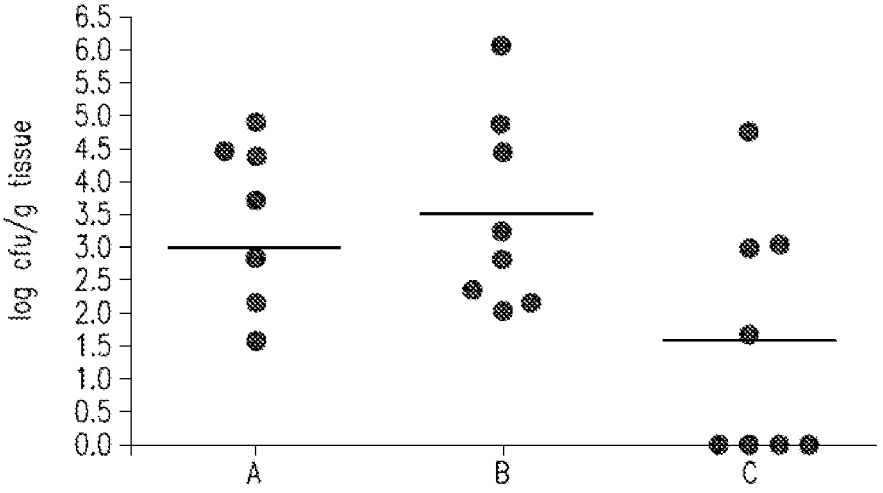

6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
log cfu/g tissue
A
B
C

FIG.18

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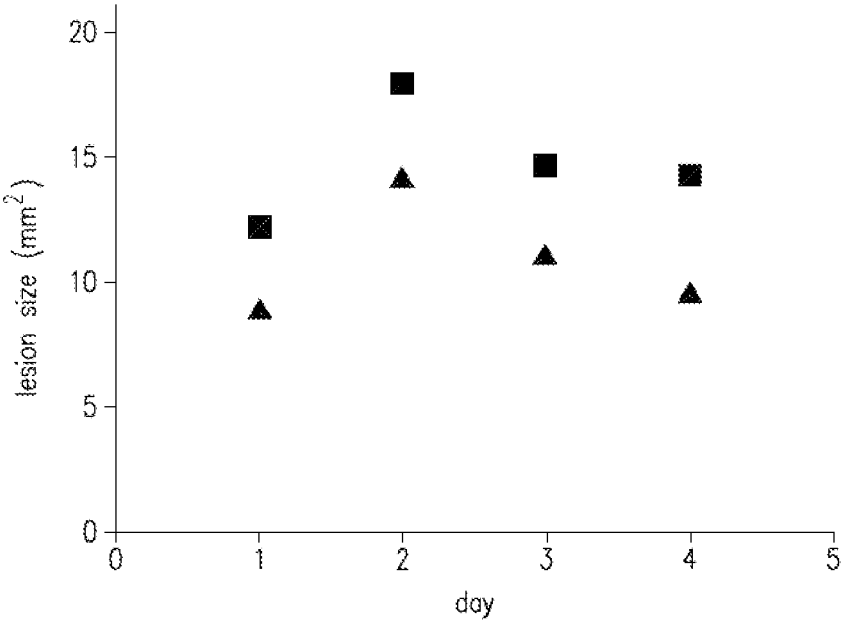


FIG.19

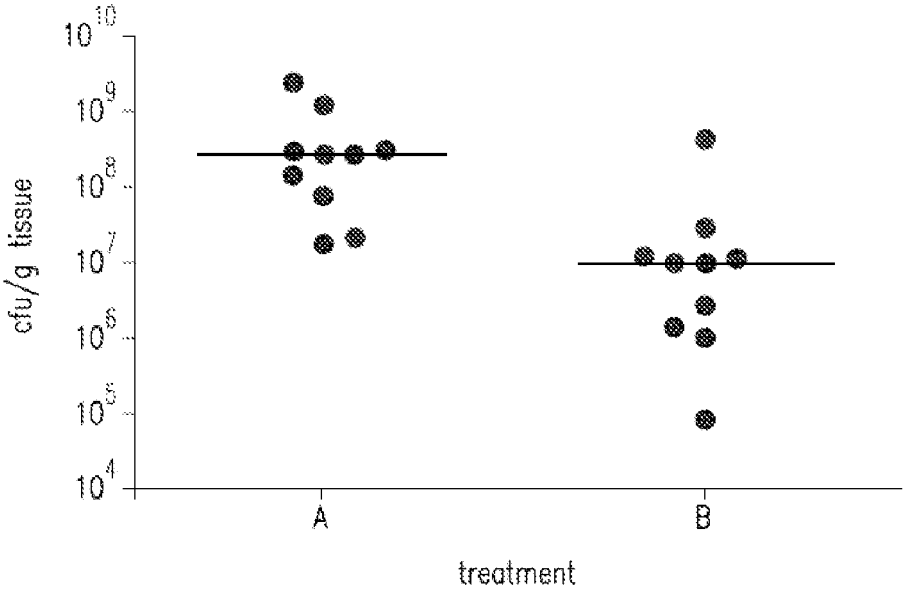


FIG.20