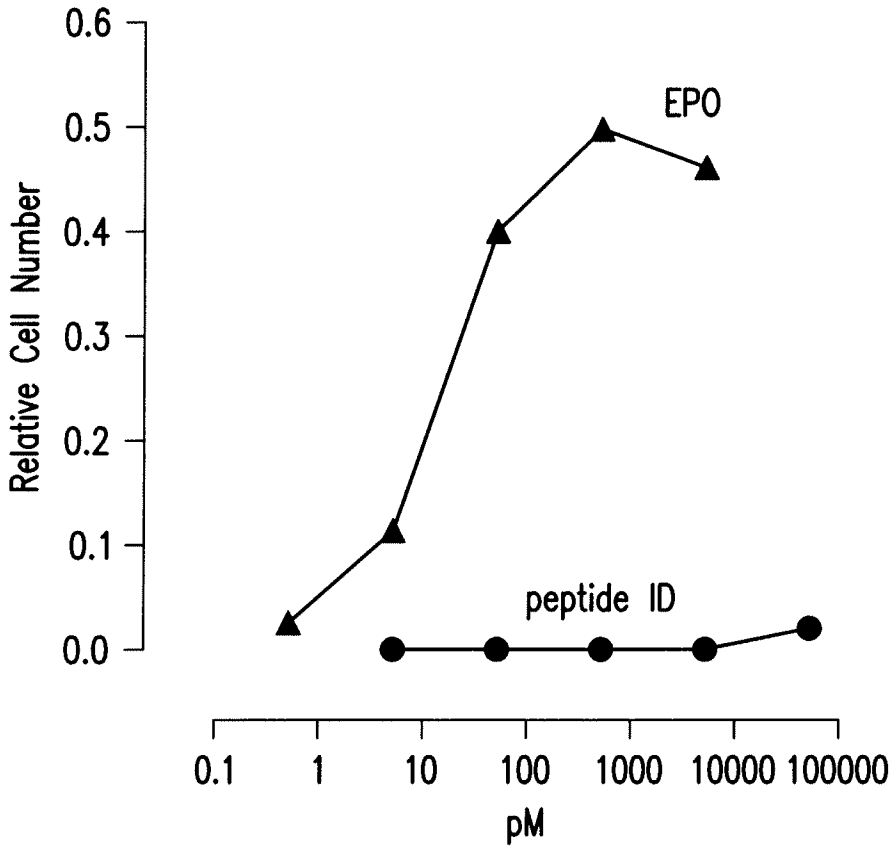

0.6
0.5
0.4
0.3
0.2
0.1
0.0
Relative Cell Number
EPO
peptide ID
0.1
1
10
100
1000
10000
100000
pM

FIG.1

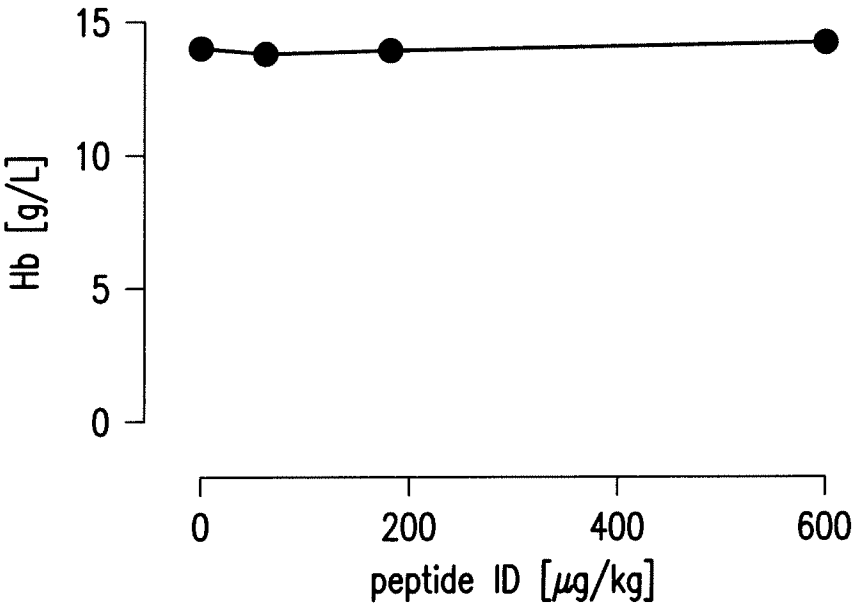


FIG.2

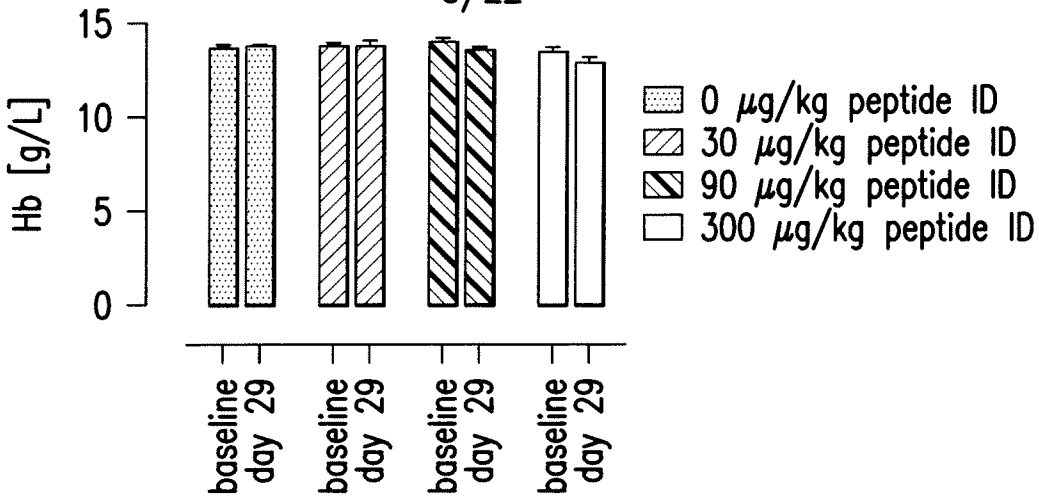


FIG.3A

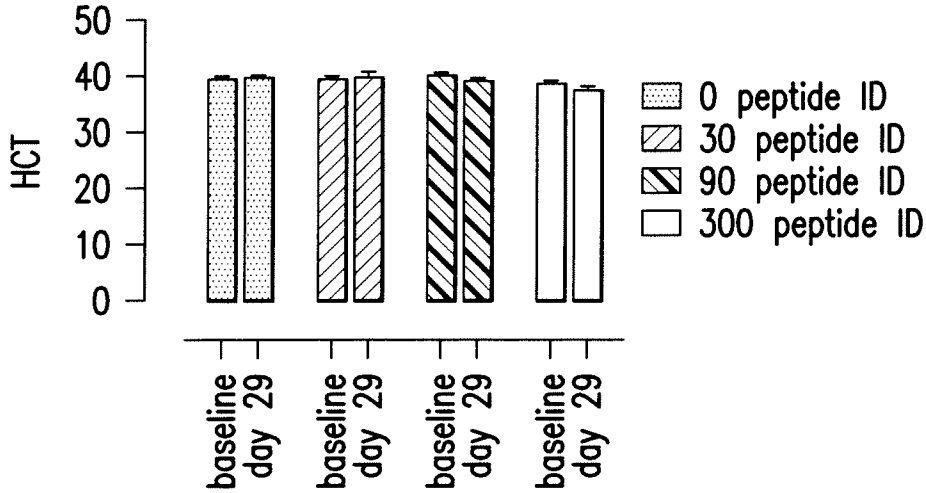


FIG.3B

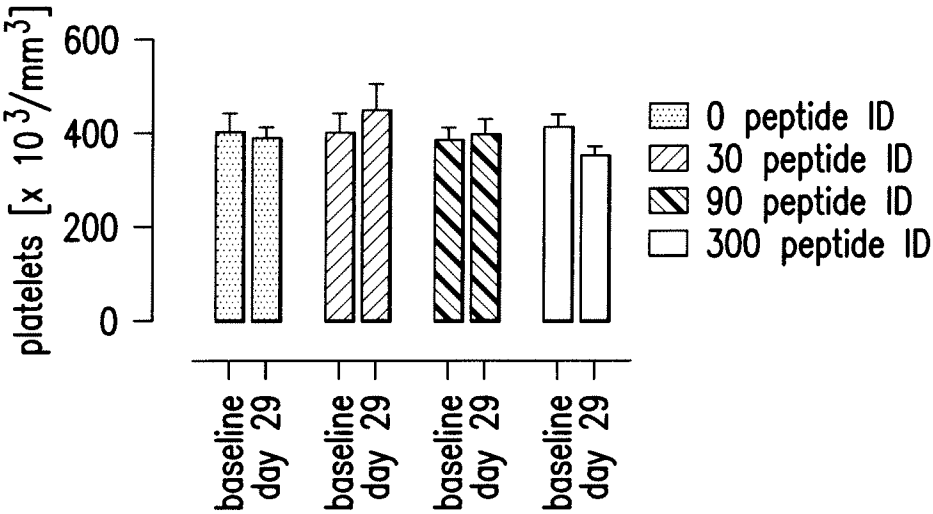


FIG.3C

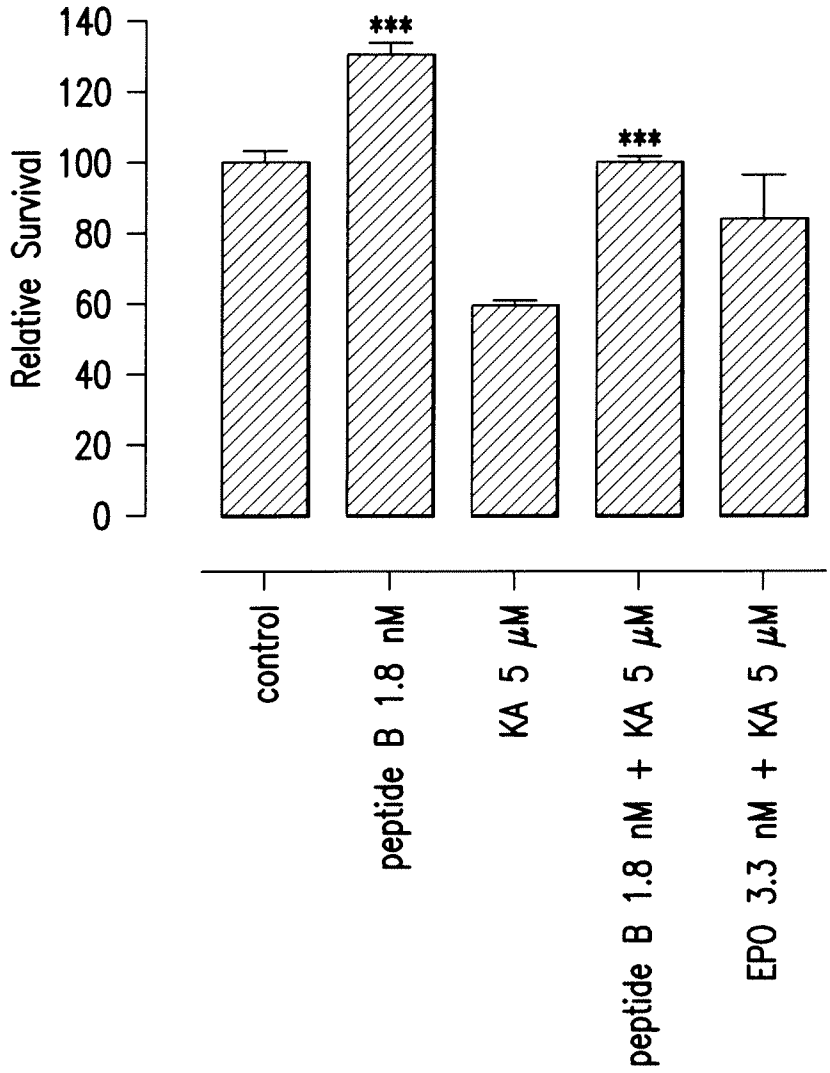

Relative Survival
140
120
100
80
60
40
20
0
***
***
control
peptide B 1.8 nM
KA 5 μM
peptide B 1.8 nM + KA 5 μM
EPO 3.3 nM + KA 5 μM

FIG.4

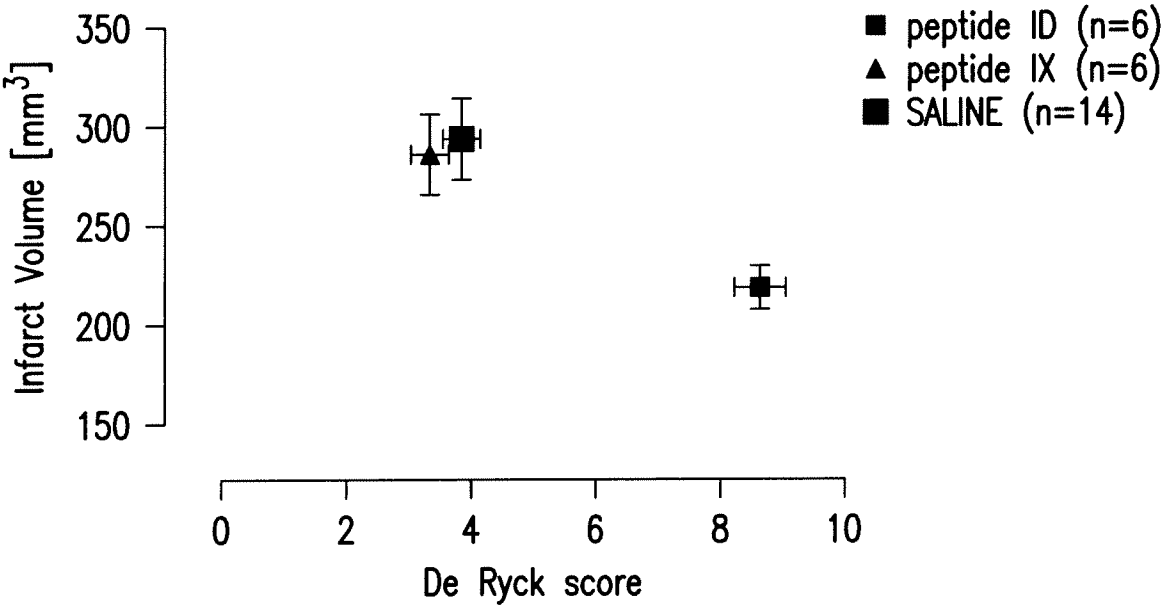

350
300
250
200
150
Infarct Volume [mm3]
0
2
4
6
8
10
De Ryck score
peptide ID (n=6)
peptide IX (n=6)
SALINE (n=14)

FIG.5

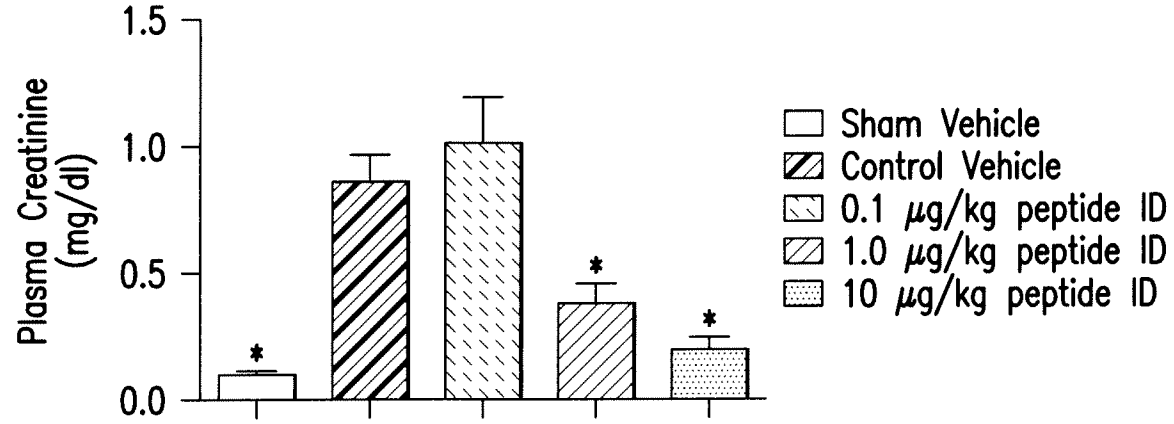


FIG.6A

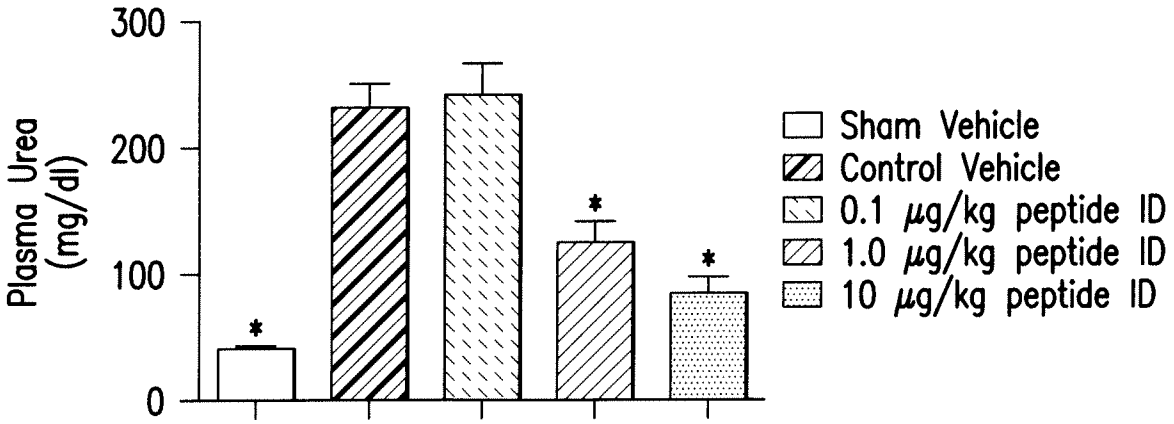


FIG.6B

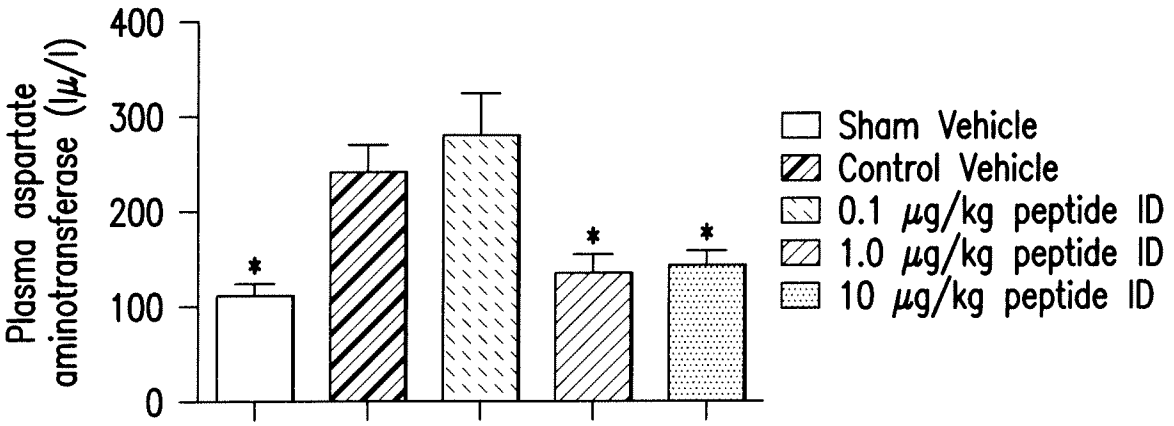


FIG.6C

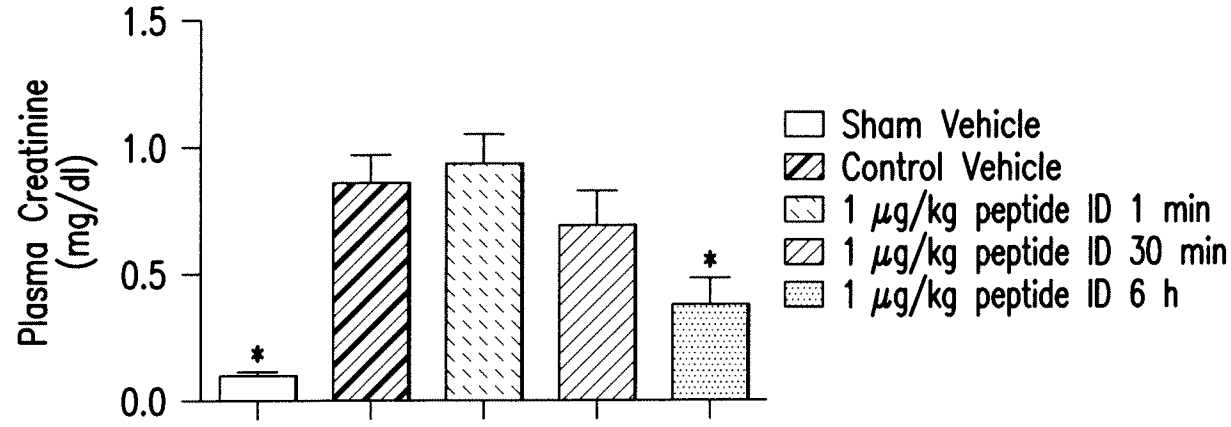


FIG.7A

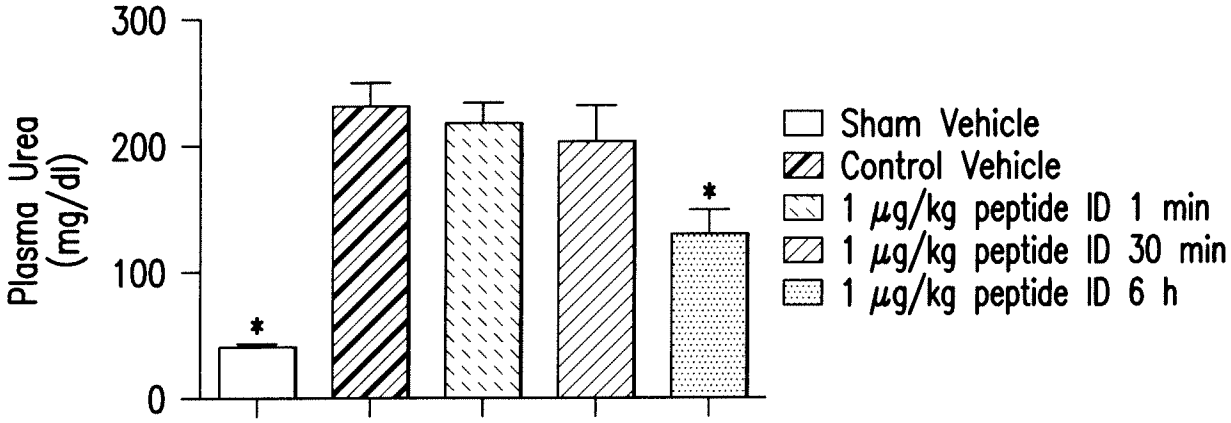


FIG.7B

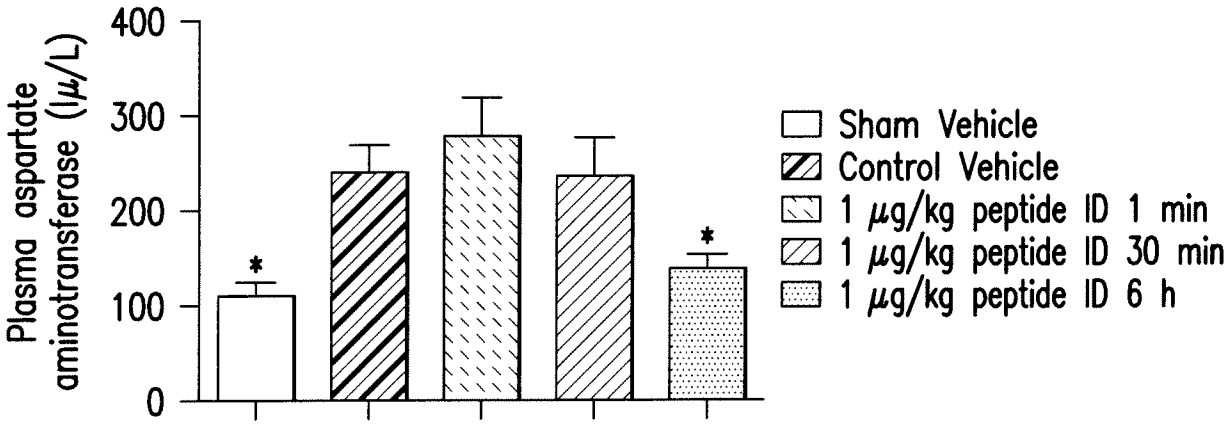


FIG.7C

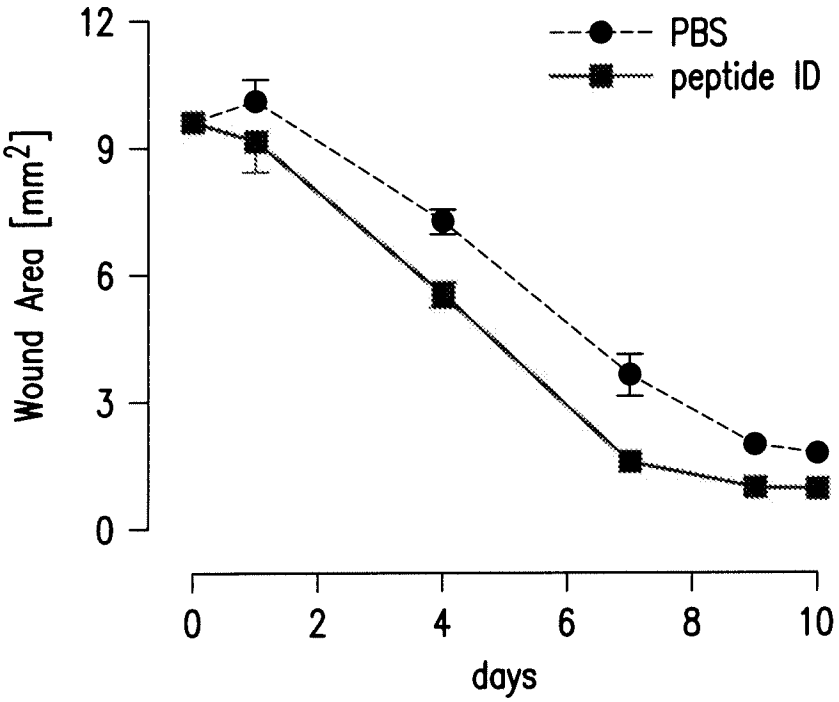


FIG.8

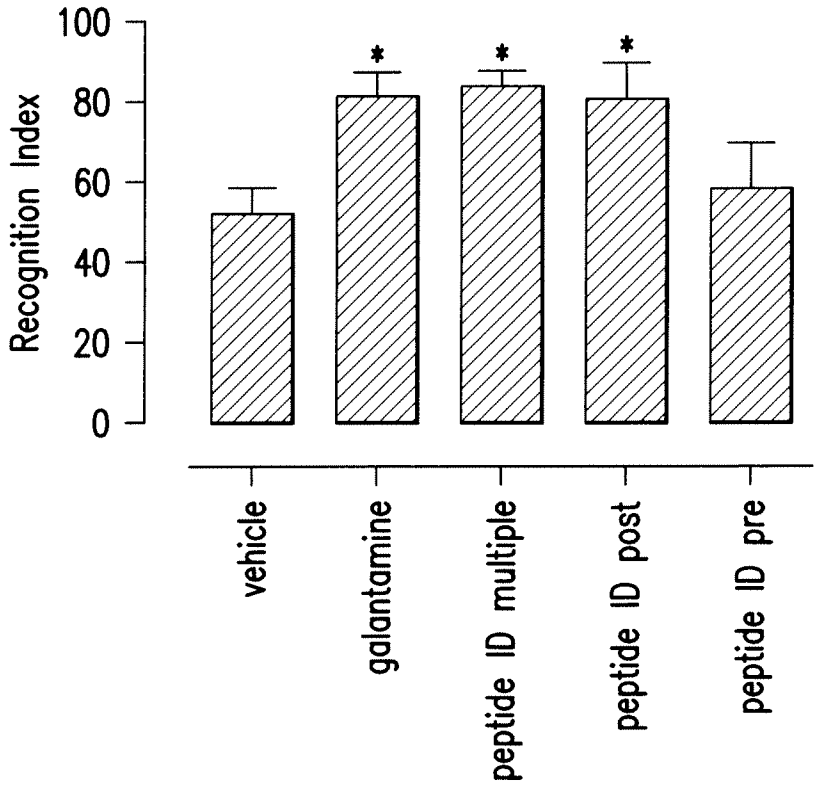

Recognition Index
100
80
60
40
20
0
*
*
*
vehicle
galantamine
peptide ID multiple
peptide ID post
peptide ID pre

FIG.9

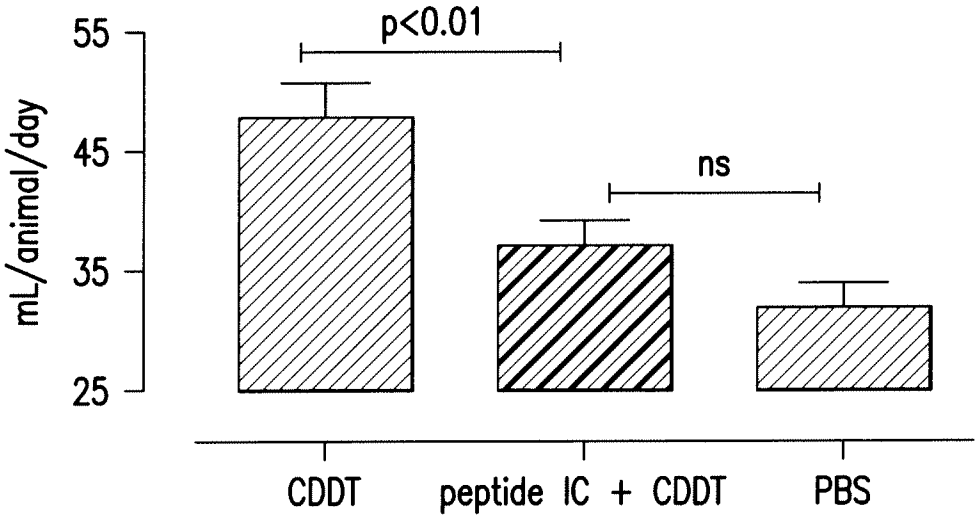


FIG.10

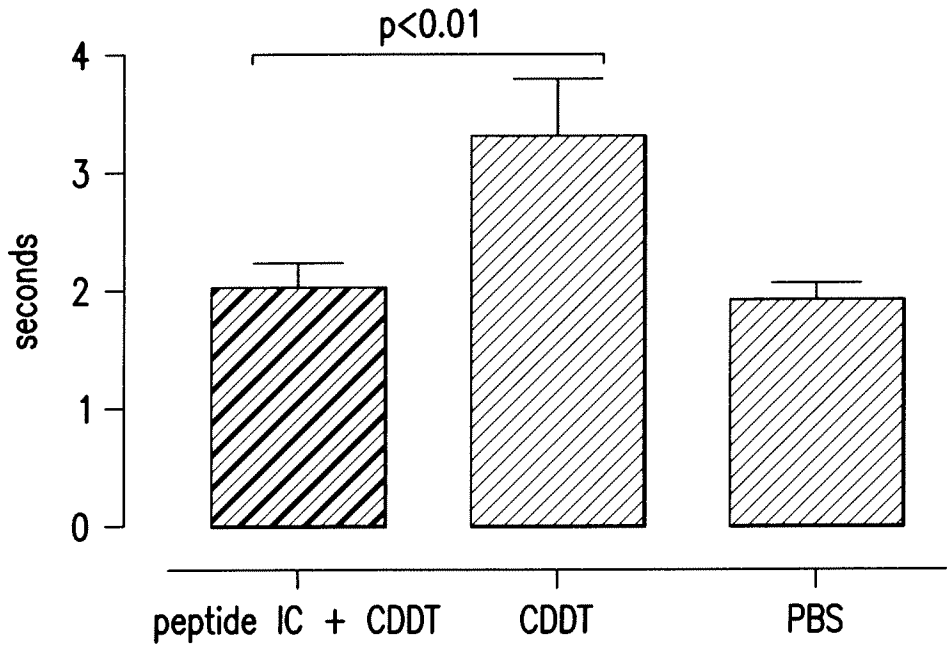


FIG.11

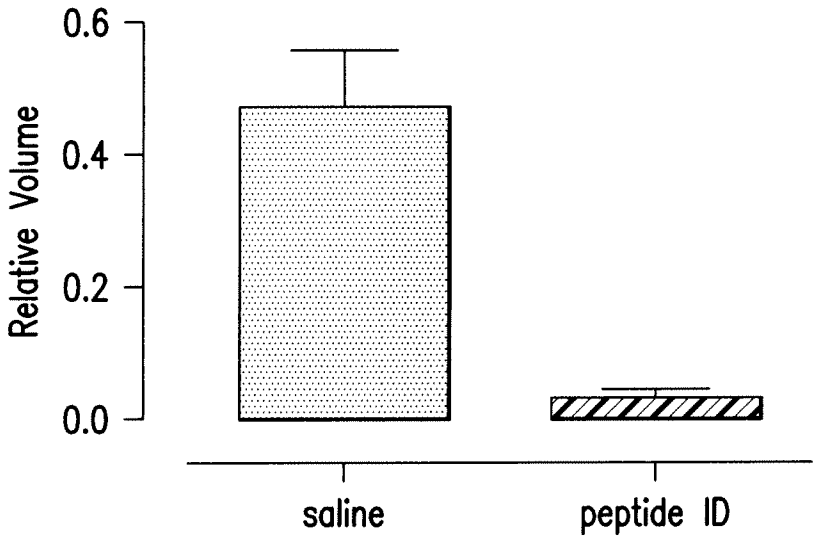


FIG.12

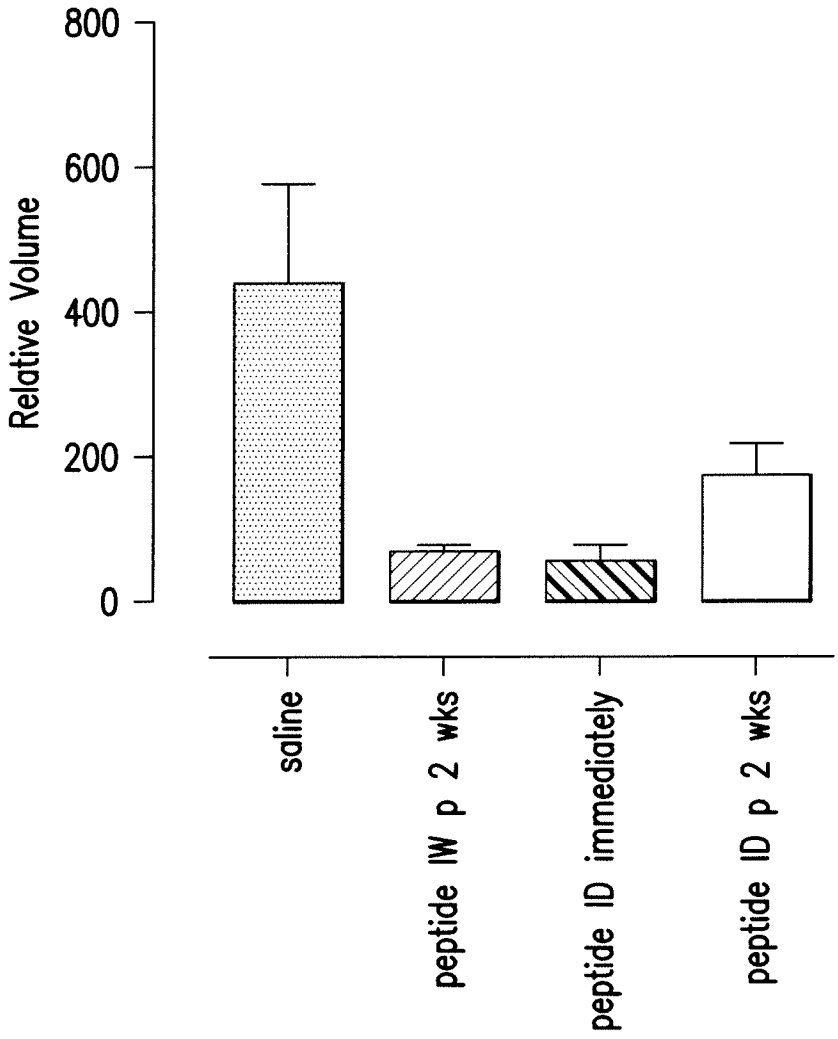

800
600
400
200
0
Relative Volume
saline
peptide IW p 2 wks
peptide ID immediately
peptide ID p 2 wks

FIG.13

4 weeks following implantation of 10^5 9L/LacZ gliosarcoma cells

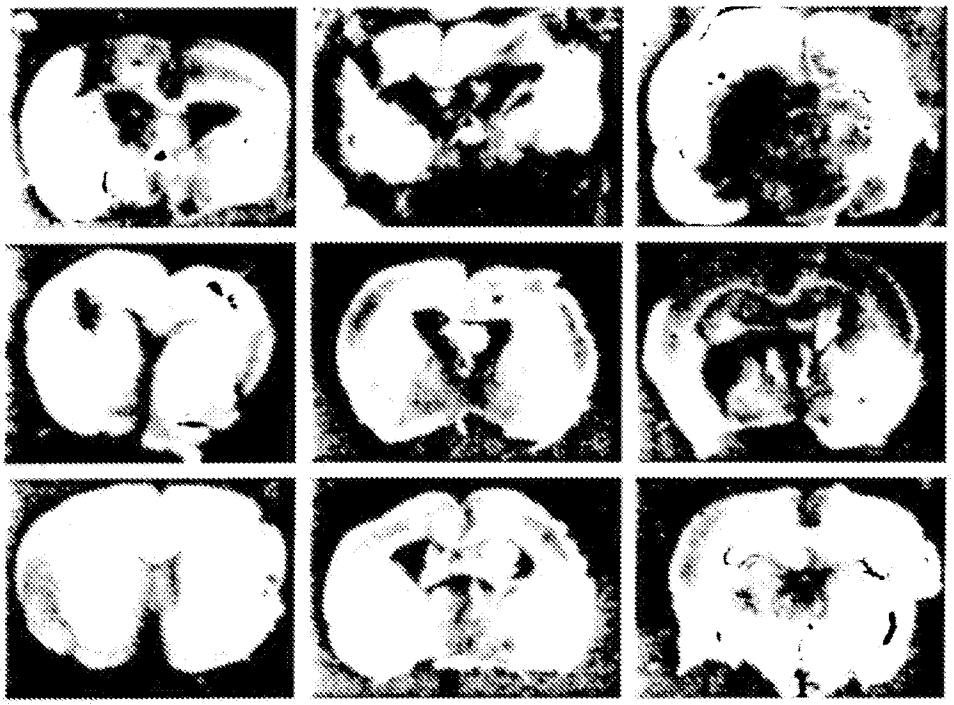


FIG. 14

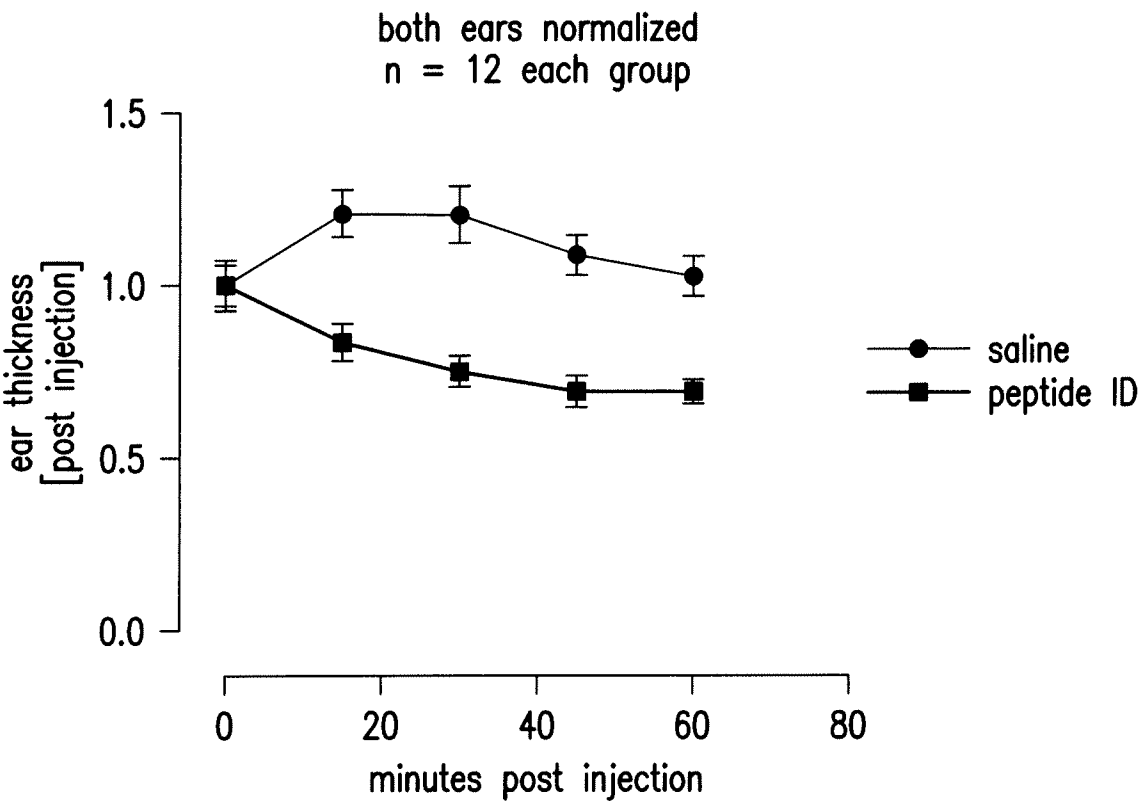

both ears normalized
n = 12 each group
ear thickness
[post injection]
1.5
1.0
0.5
0.0
0
20
40
60
80
minutes post injection
saline
peptide ID

FIG.15

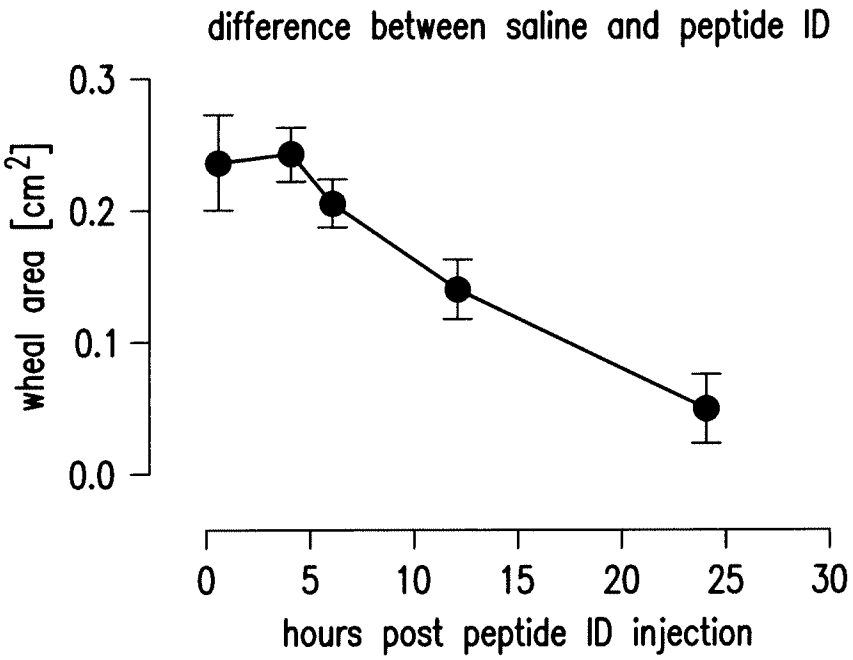

difference between saline and peptide ID
wheal area [cm2]
0.3
0.2
0.1
0.0
0
5
10
15
20
25
30
hours post peptide ID injection

FIG.16

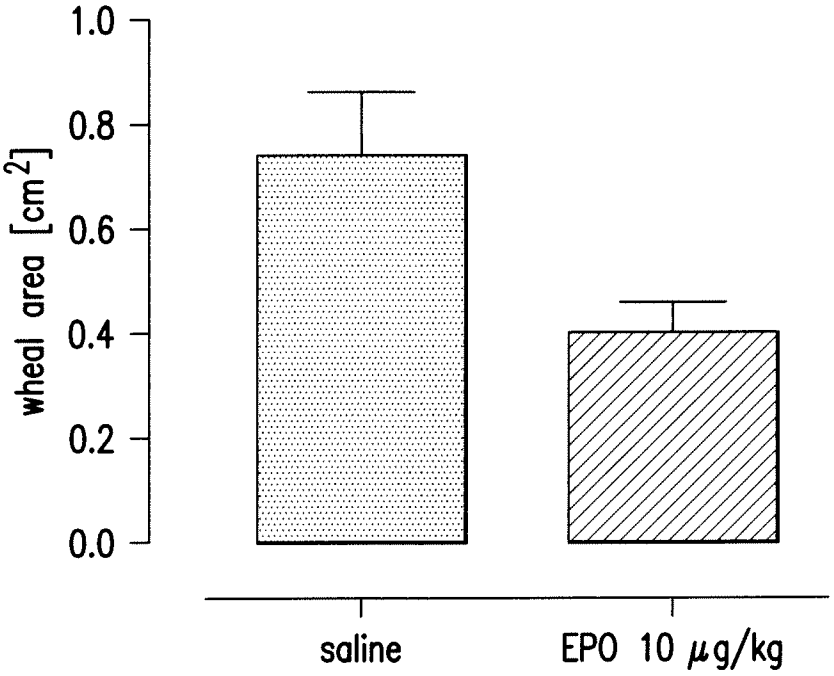


FIG.17

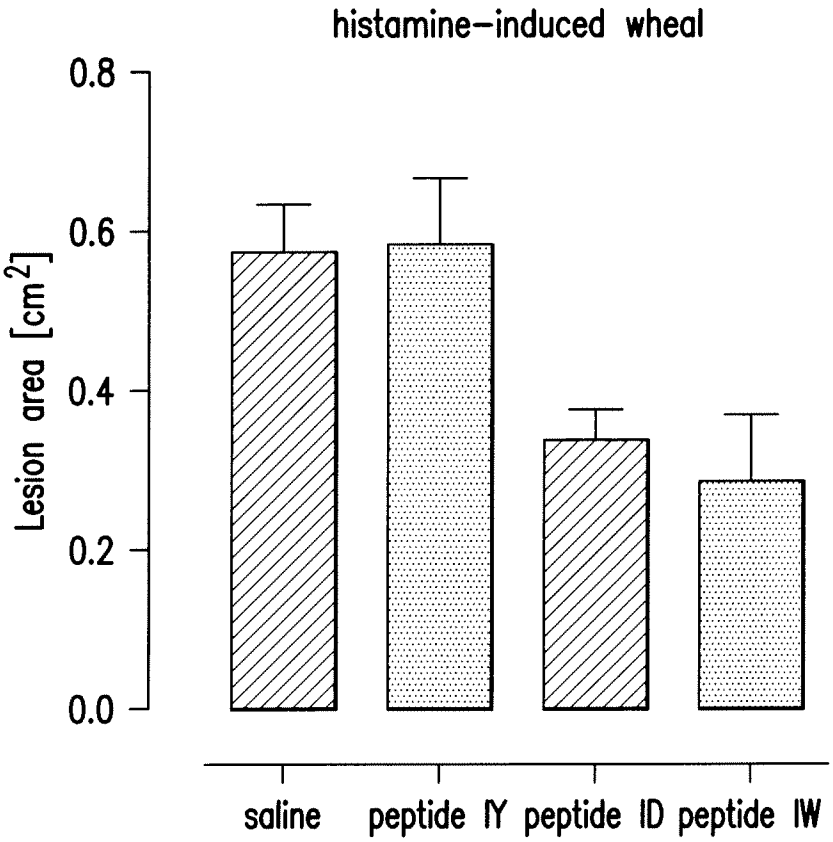

histamine-induced wheal
Lesion area [cm2]
0.8
0.6
0.4
0.2
0.0
saline
peptide IY
peptide ID
peptide IW

FIG.18

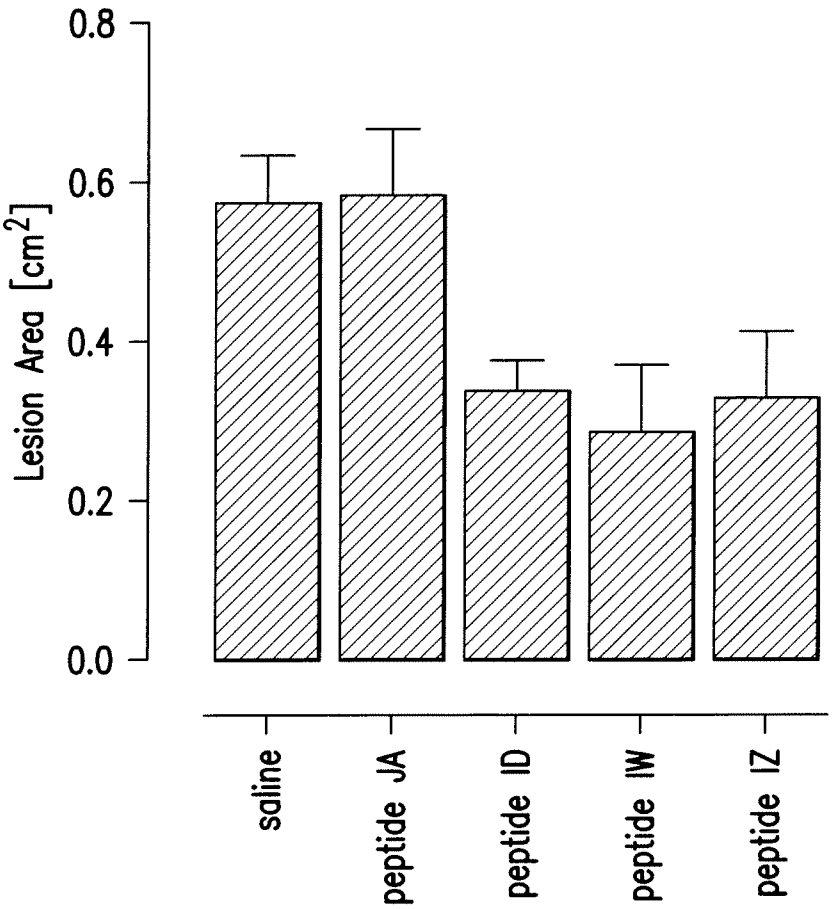

0.8
0.6
0.4
0.2
0.0
Lesion Area [cm2]
saline
peptide JA
peptide ID
peptide IW
peptide IZ

FIG.19

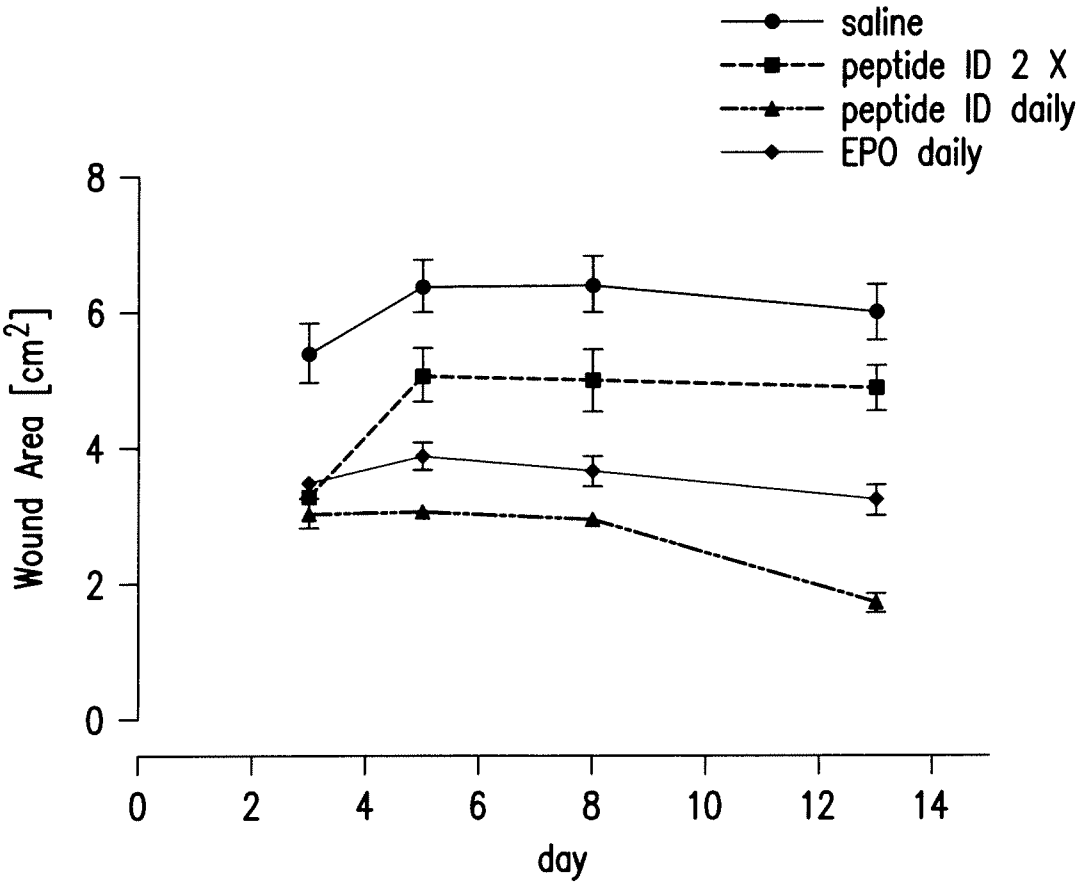

saline
peptide ID 2 X
peptide ID daily
EPO daily
Wound Area [cm2]
0
2
4
6
8
0
2
4
6
8
10
12
14
day

FIG.20

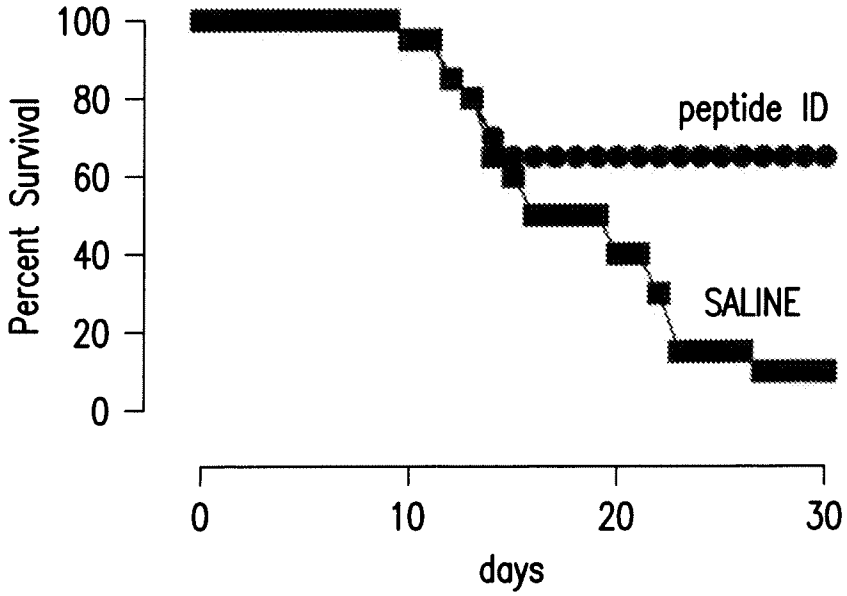

100
80
60
40
20
0
Percent Survival
peptide ID
SALINE
0
10
20
30
days

FIG.21

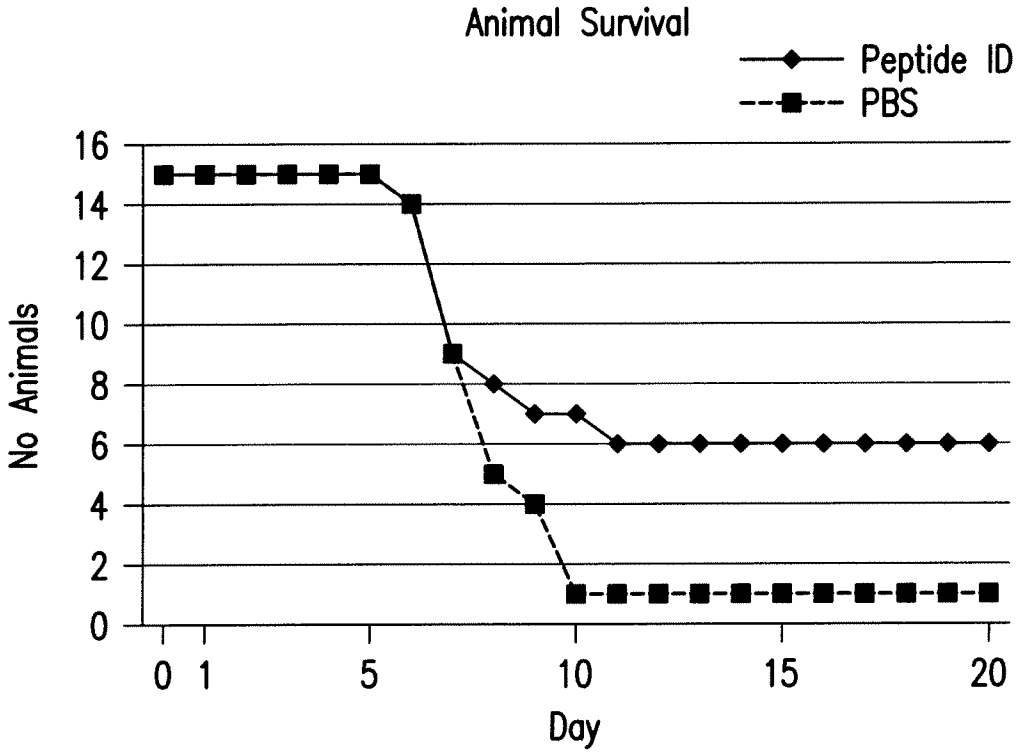

Animal Survival
Peptide ID
PBS
No Animals
16
14
12
10
8
6
4
2
0
0 1
5
10
15
20
Day

FIG.22