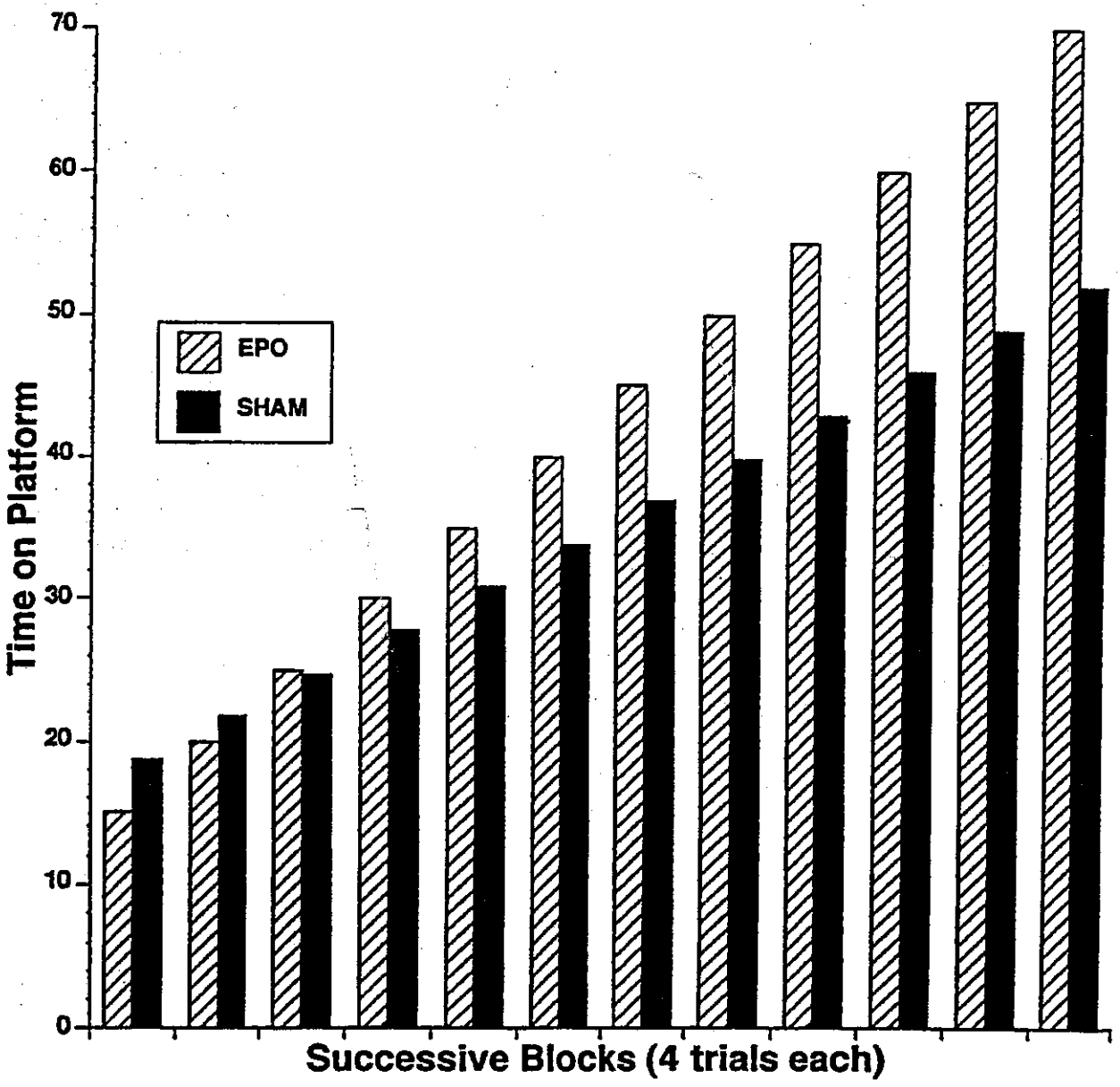

70
60
50
40
30
20
10
0
Time on Platform
EPO
SHAM
Successive Blocks (4 trials each)

FIG.1A

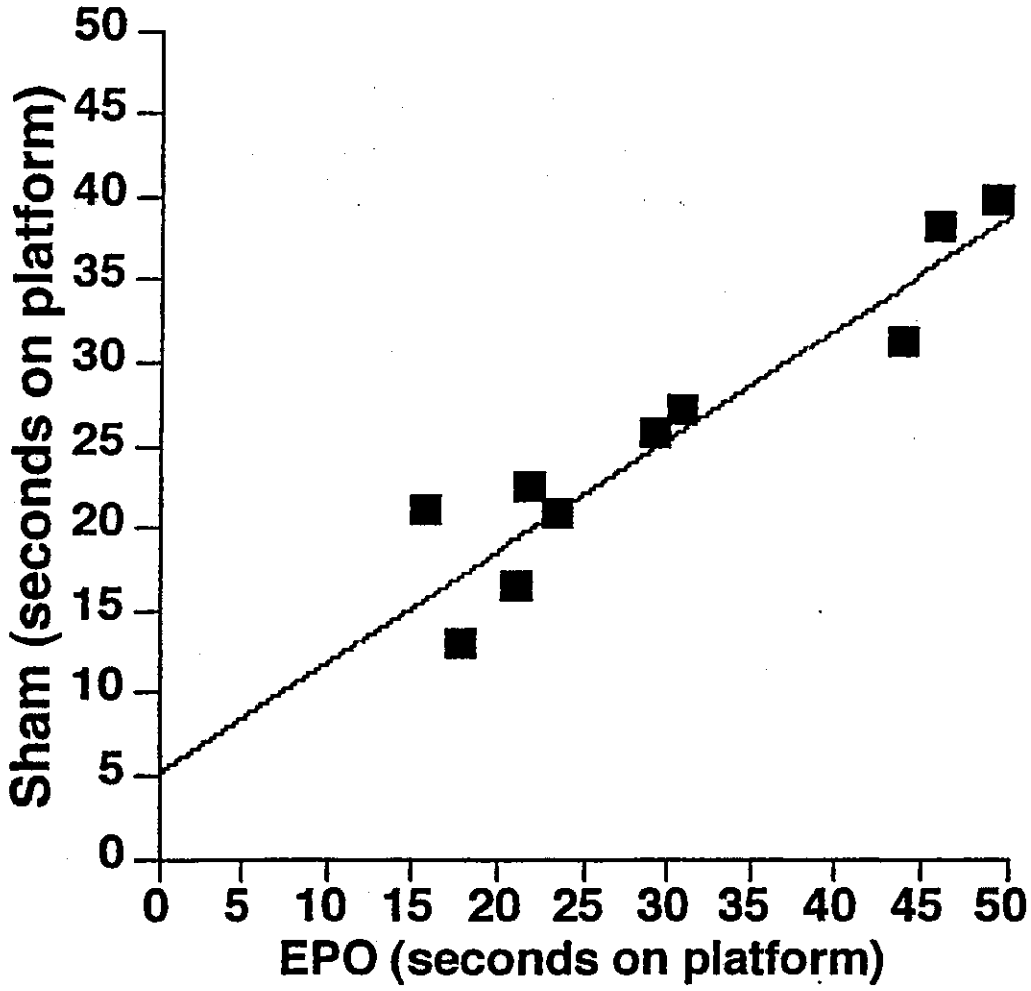
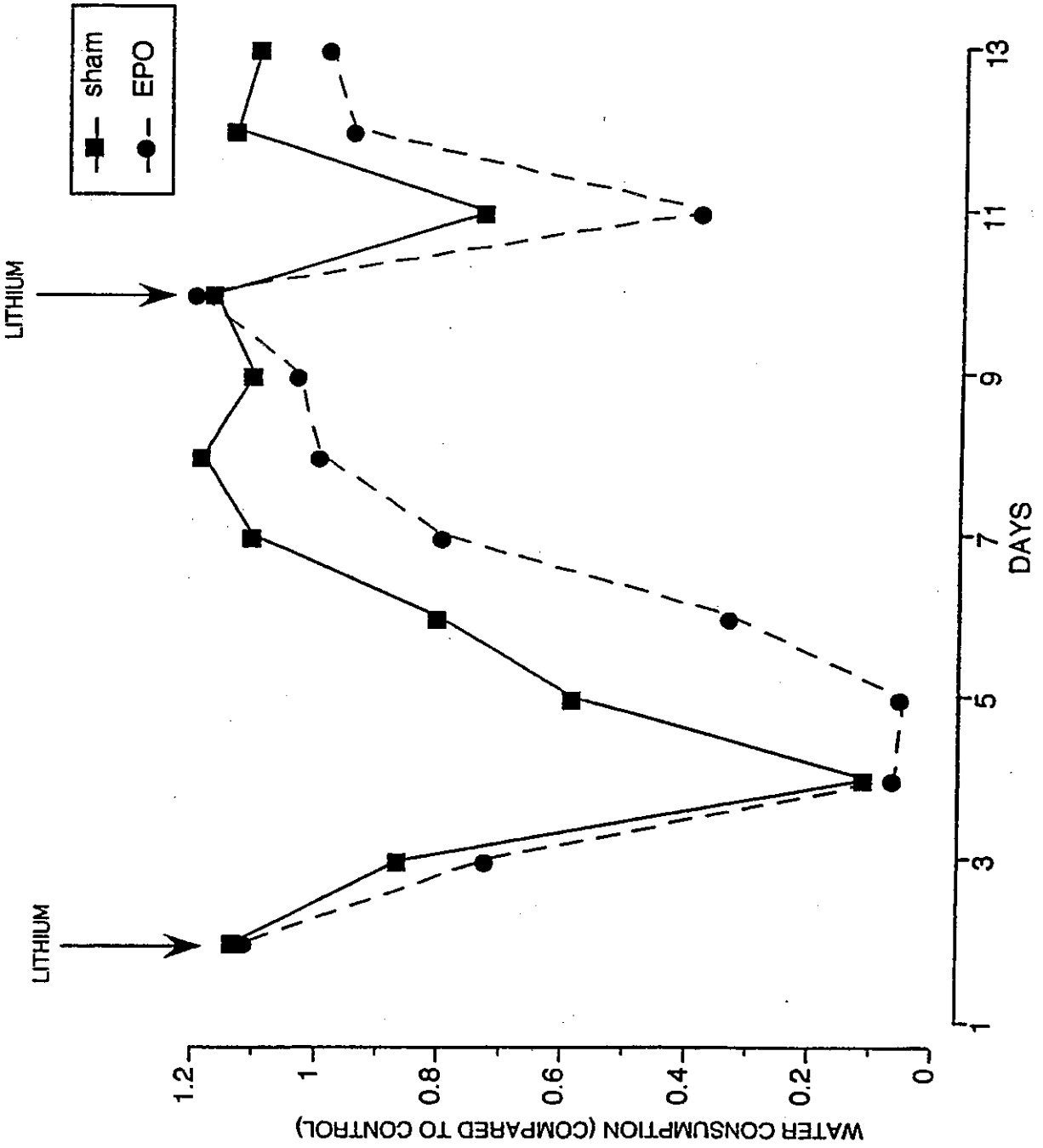

Sham (seconds on platform)
EPO (seconds on platform)
0
5
10
15
20
25
30
35
40
45
50

FIG.1B

FIG.2A


sham
EPO
LITHIUM
LITHIUM
WATER CONSUMPTION (COMPARED TO CONTROL)
1.2
1
0.8
0.6
0.4
0.2
0
1
3
5
7
9
11
13
DAYS

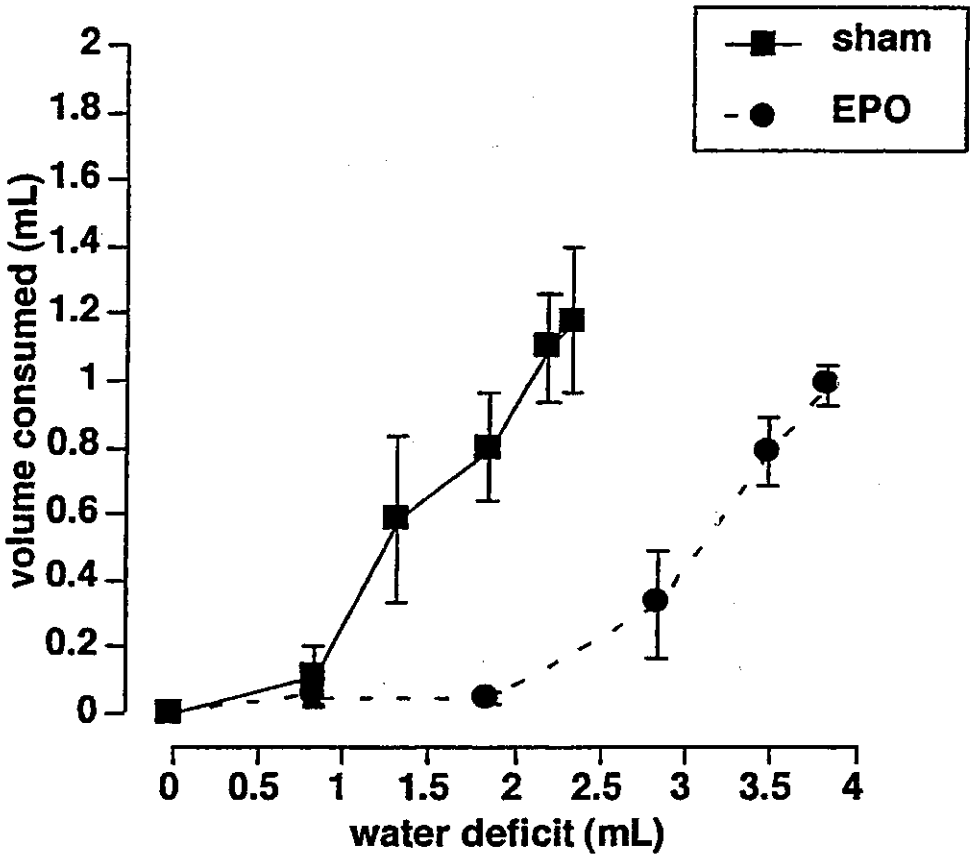

sham
EPO
volume consumed (mL)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0 0.5 1 1.5 2 2.5 3 3.5 4
water deficit (mL)

FIG.2B

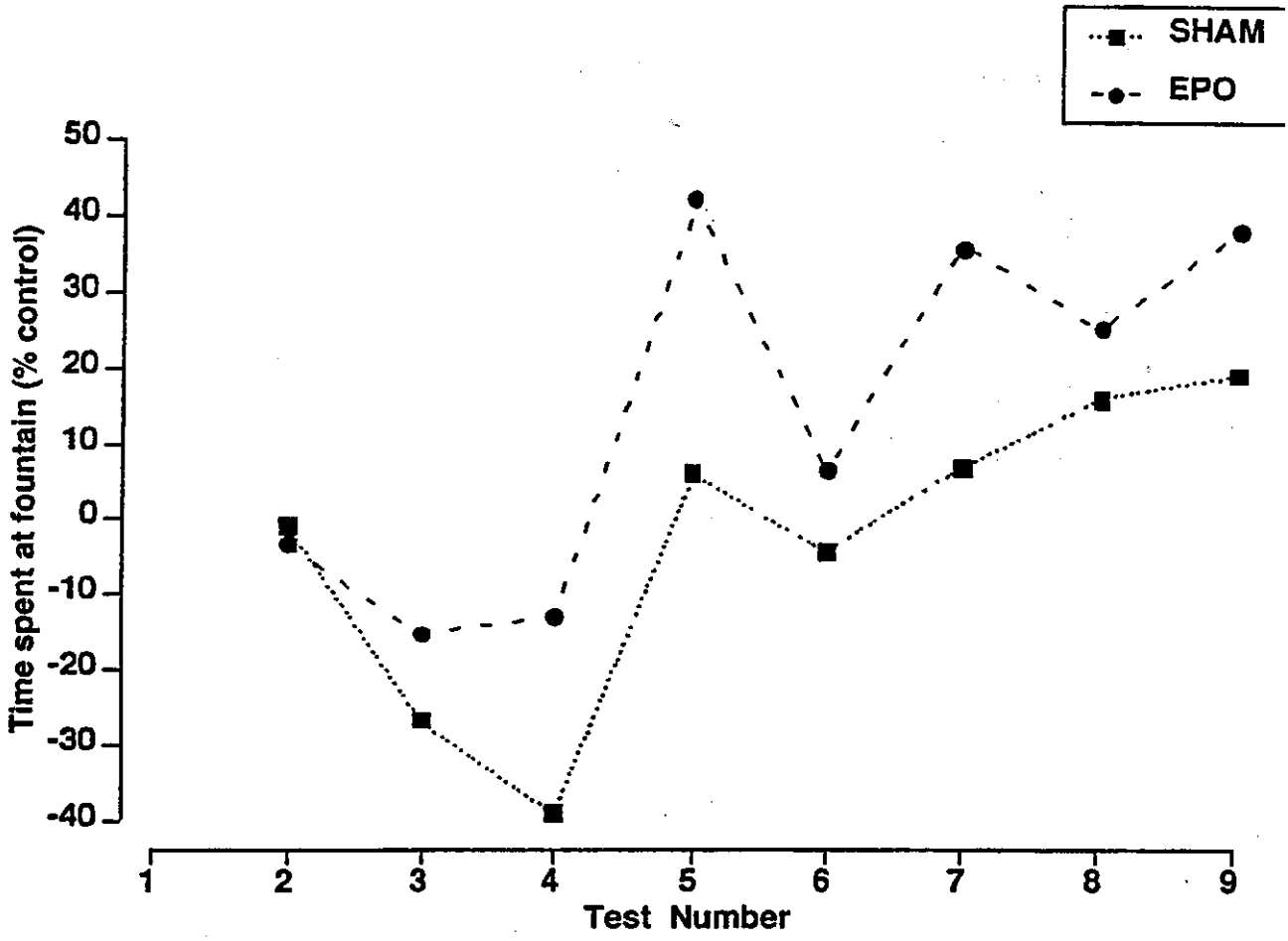

SHAM
EPO
Time spent at fountain (% control)
50
40
30
20
10
0
-10
-20
-30
-40
1
2
3
4
5
6
7
8
9
Test Number

FIG.2C

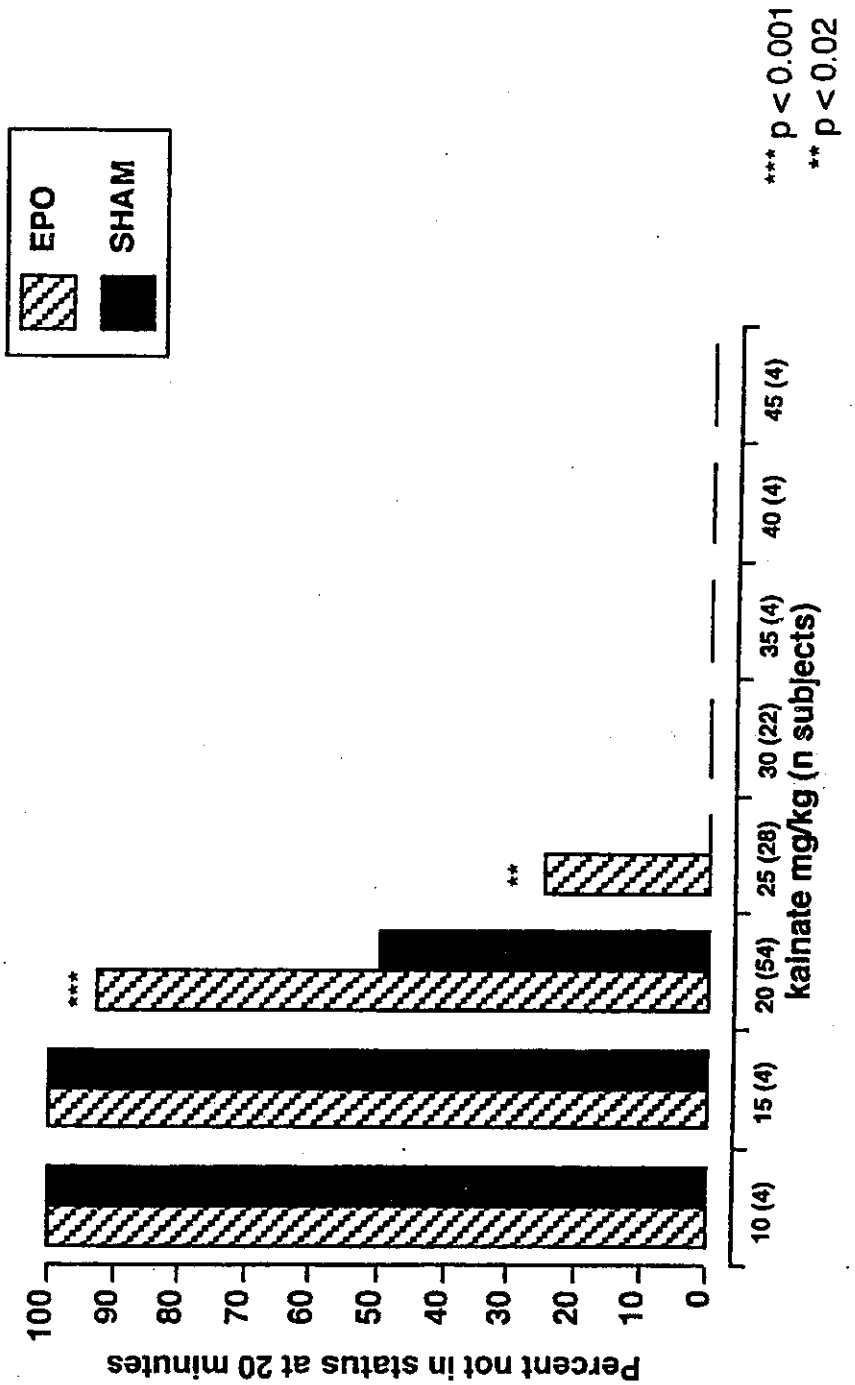

EPO
SHAM
*** p < 0.001
** p < 0.02
Percent not in status at 20 minutes
100
90
80
70
60
50
40
30
20
10
0
10 (4)
15 (4)
20 (54)
25 (28)
30 (22)
35 (4)
40 (4)
45 (4)
kainate mg/kg (n subjects)
***
**

FIG.3A

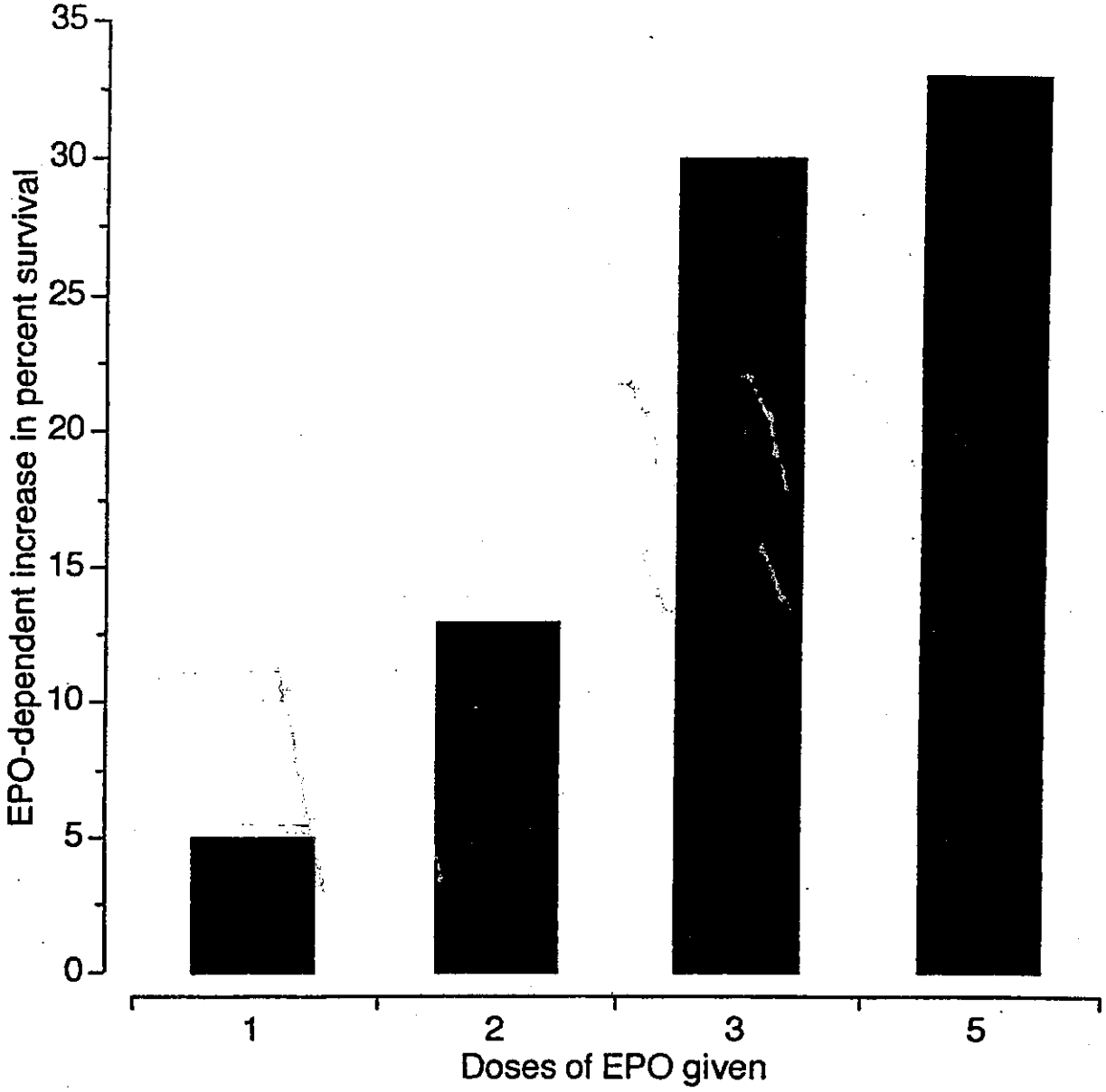

EPO-dependent increase in percent survival
35
30
25
20
15
10
5
0
1
2
3
5
Doses of EPO given

FIG.3B

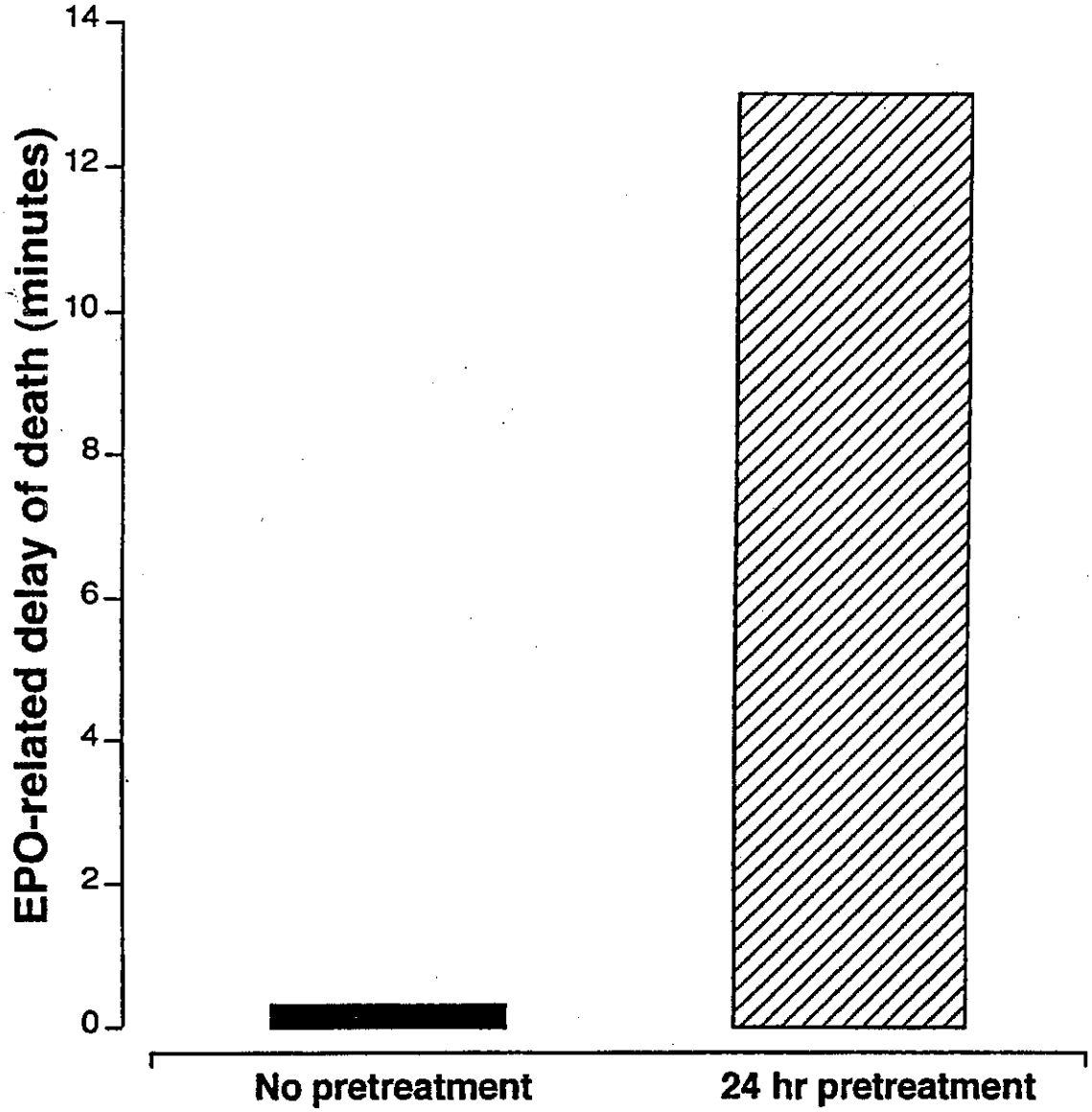

EPO-related delay of death (minutes)
14
12
10
8
6
4
2
0
No pretreatment
24 hr pretreatment

FIG.3C

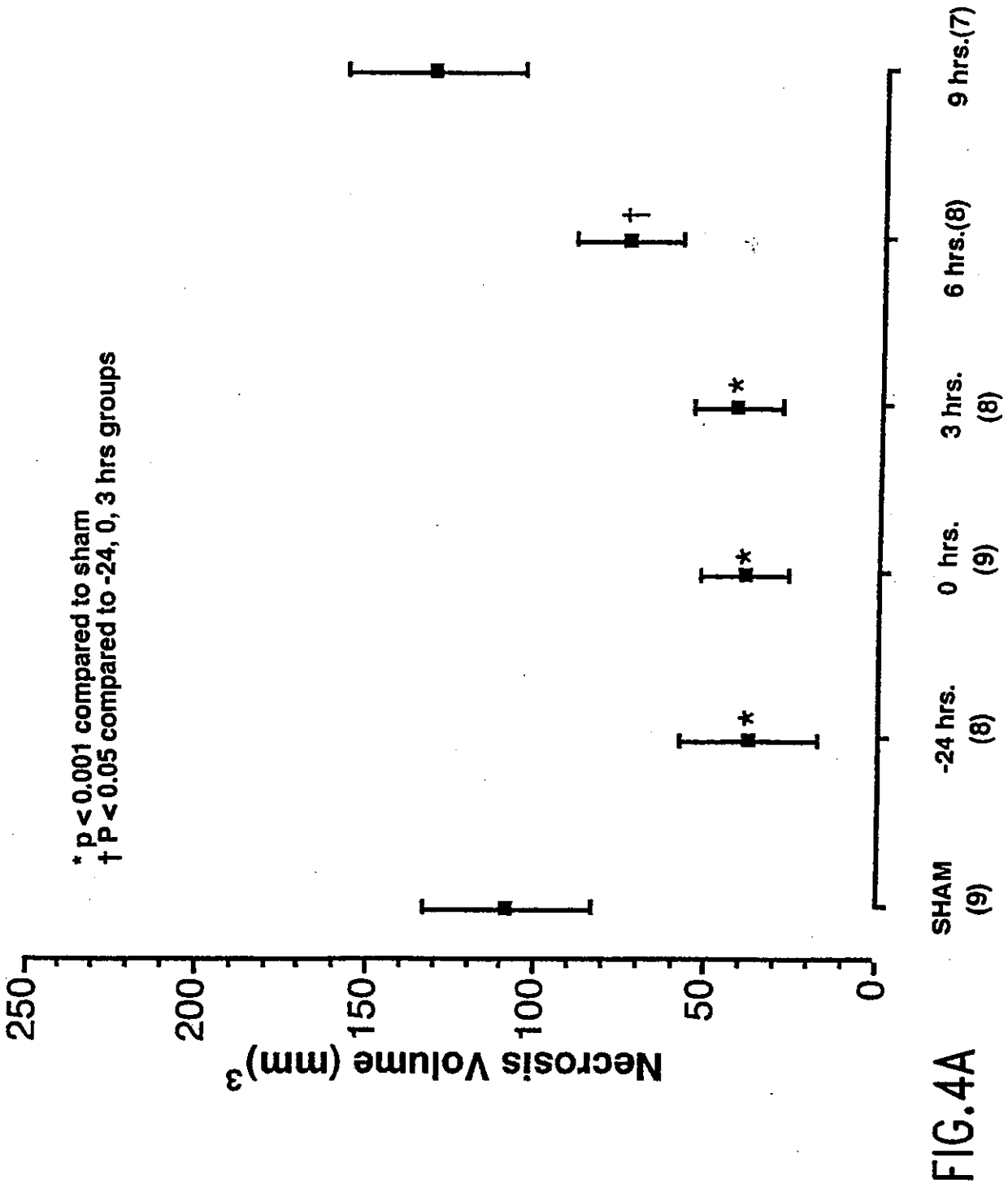

Necrosis Volume (mm)³
250
200
150
100
50
0
SHAM (9)
-24 hrs. (8)
0 hrs. (9)
3 hrs. (8)
6 hrs.(8)
9 hrs.(7)
* p < 0.001 compared to sham
† P < 0.05 compared to -24, 0, 3 hrs groups

FIG.4A

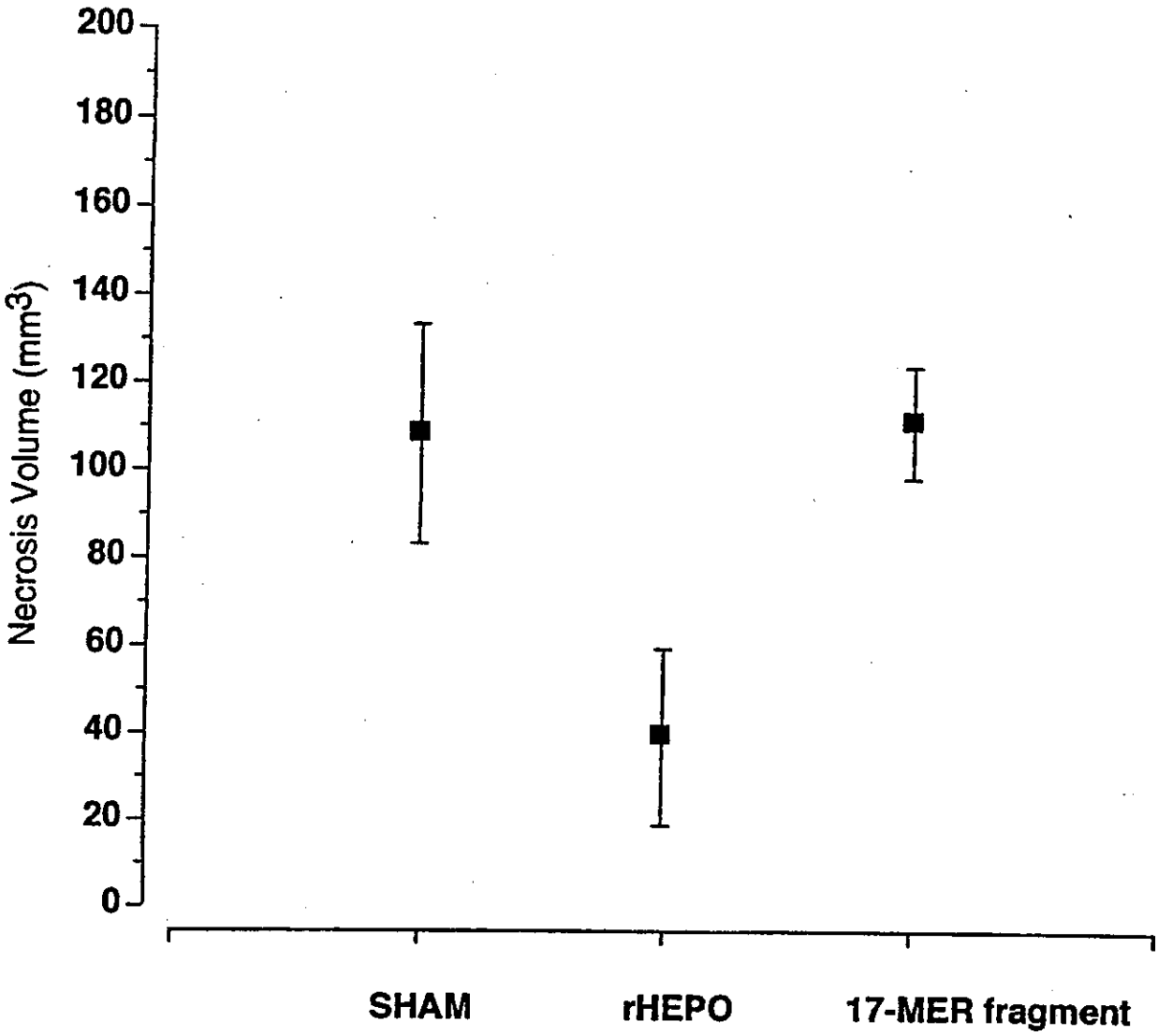

200
180
160
140
120
100
80
60
40
20
0
Necrosis Volume (mm3)
SHAM
rHEPO
17-MER fragment

FIG.4B

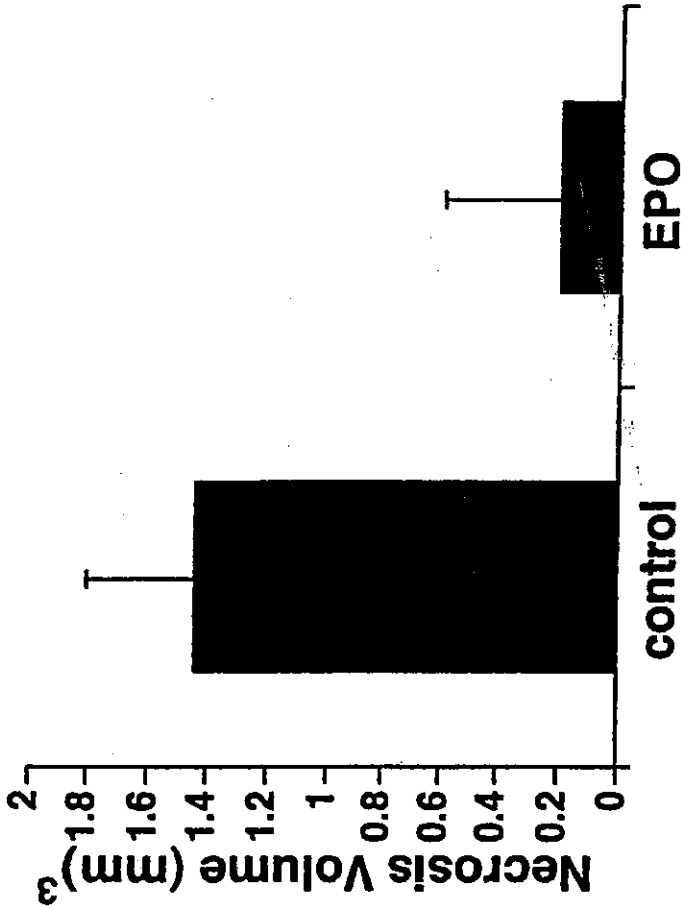

Necrosis Volume (mm)3
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
control
EPO
n=6 each group
p<0.05

FIG.5

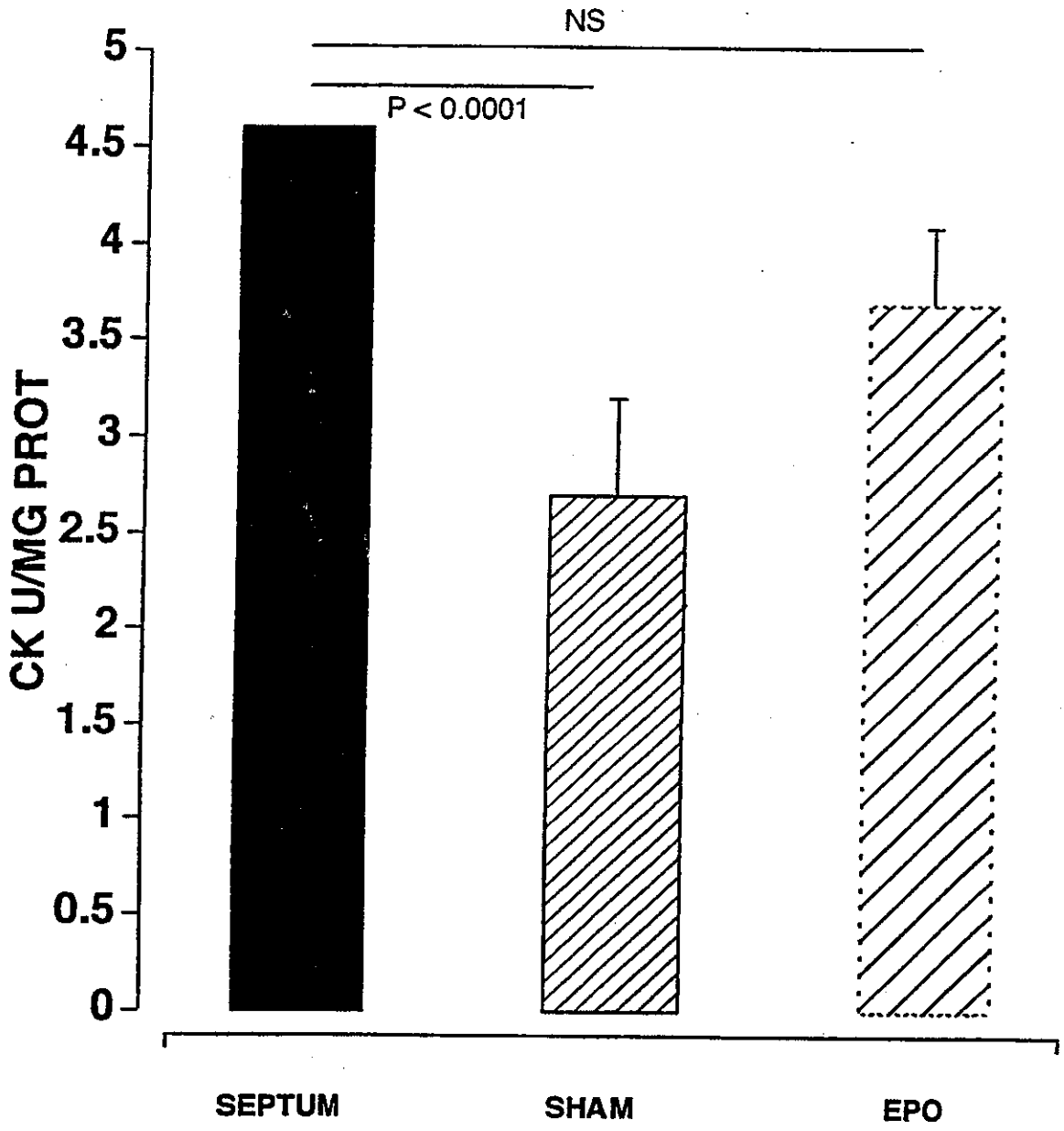


FIG.6A

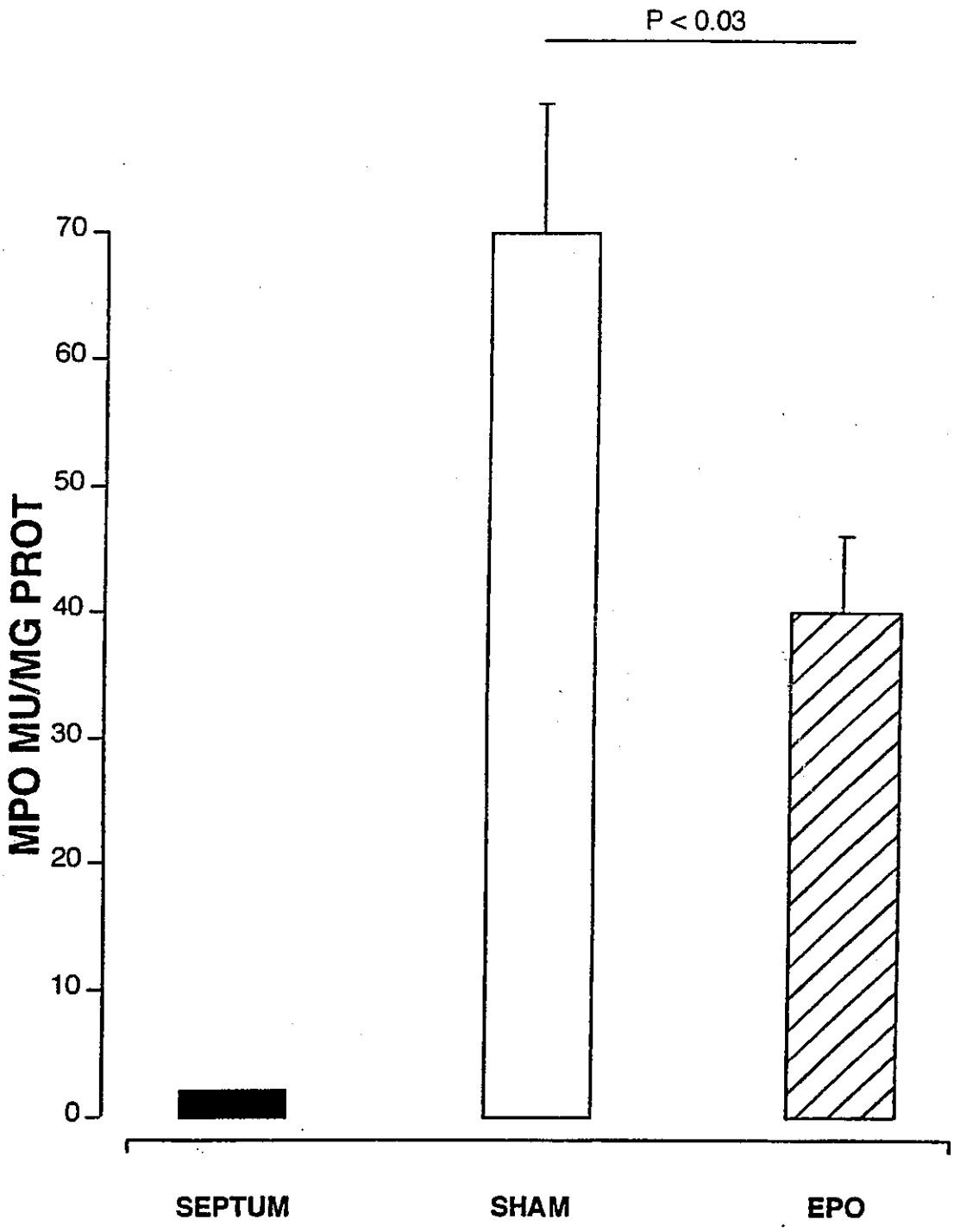


FIG.6B

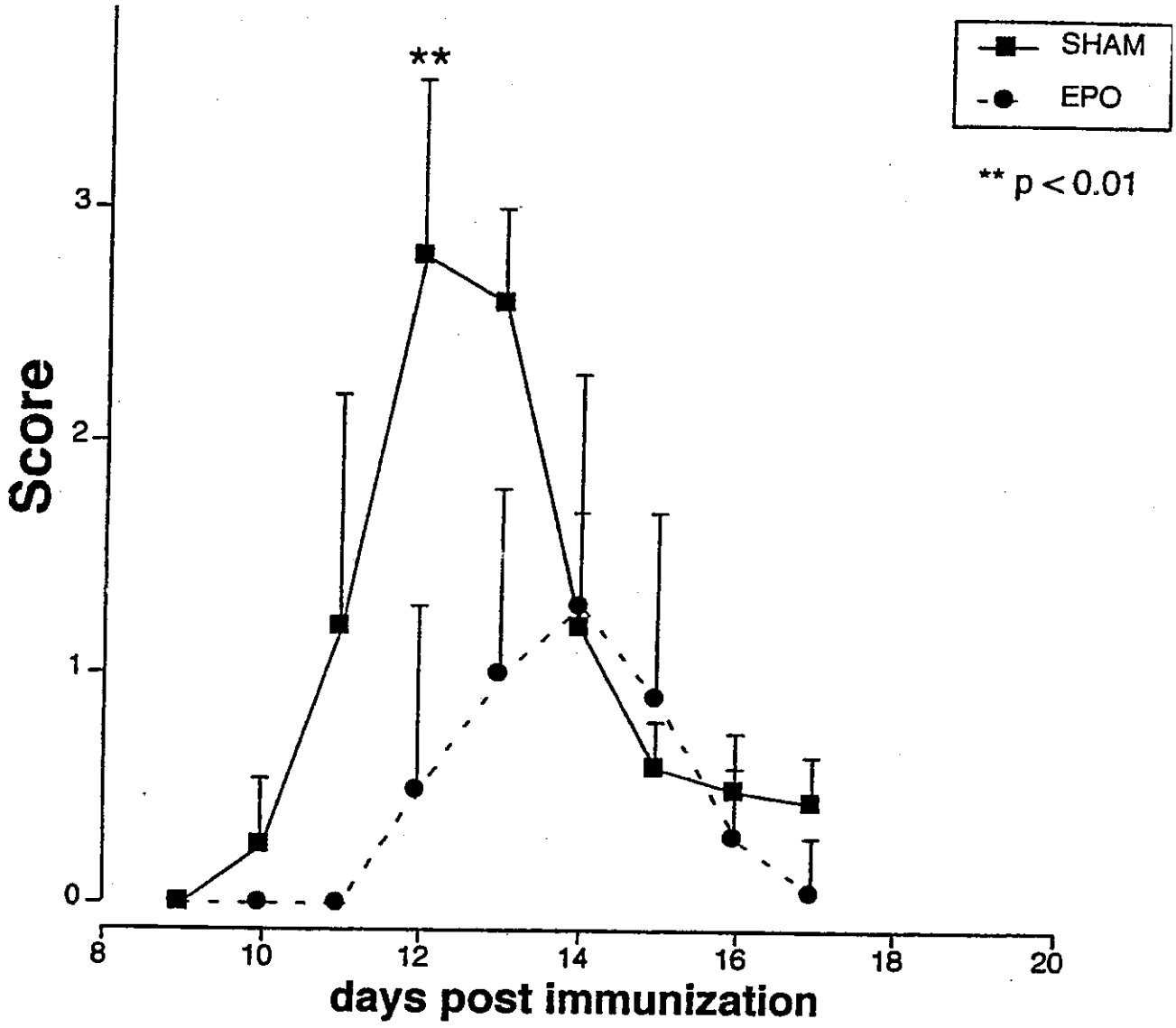

SHAM
EPO
** p < 0.01
**
Score
0
1
2
3
8
10
12
14
16
18
20
days post immunization

FIG.7

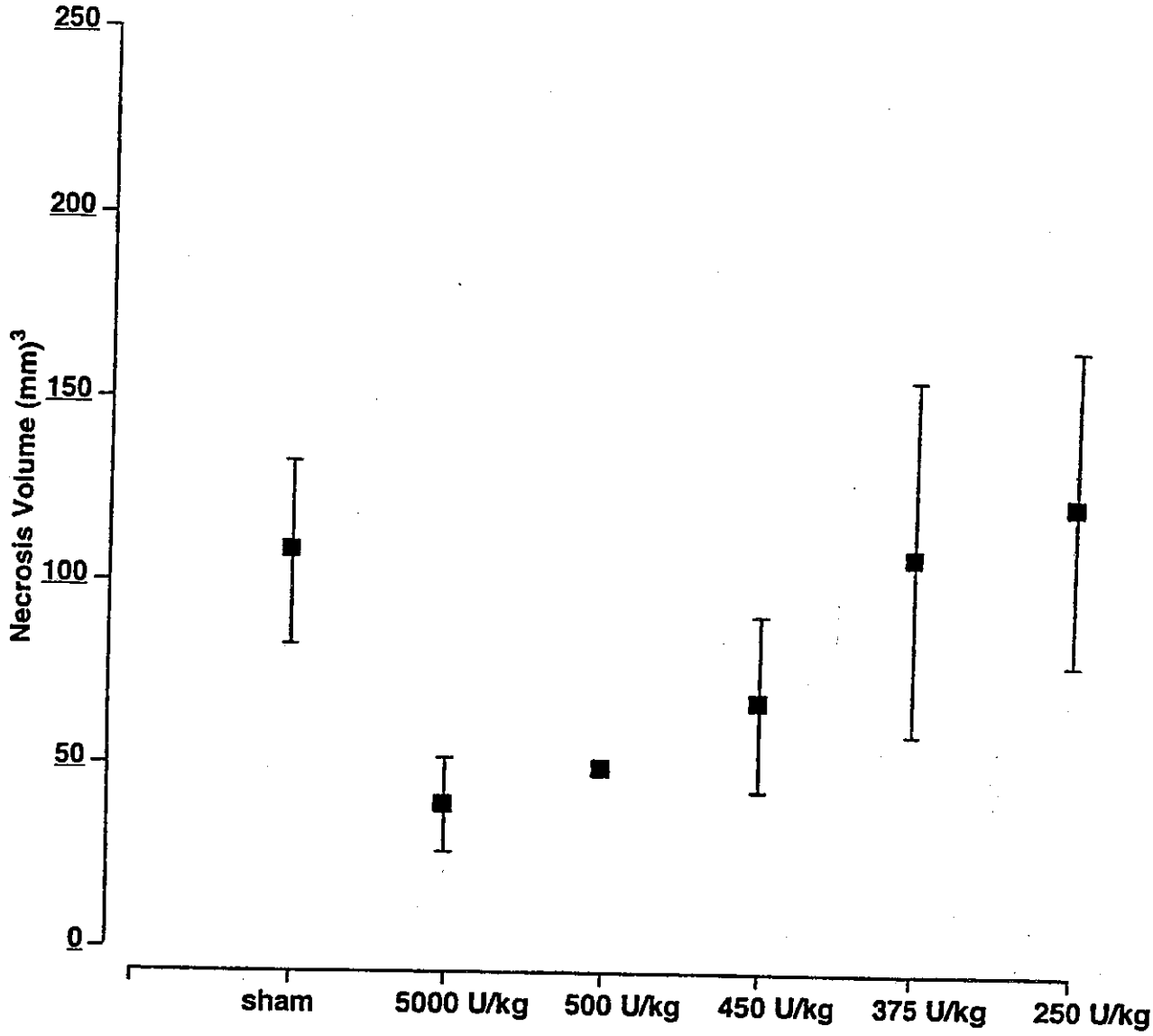

250
200
150
100
50
0
Necrosis Volume (mm)3
sham
5000 U/kg
500 U/kg
450 U/kg
375 U/kg
250 U/kg

FIG.8A

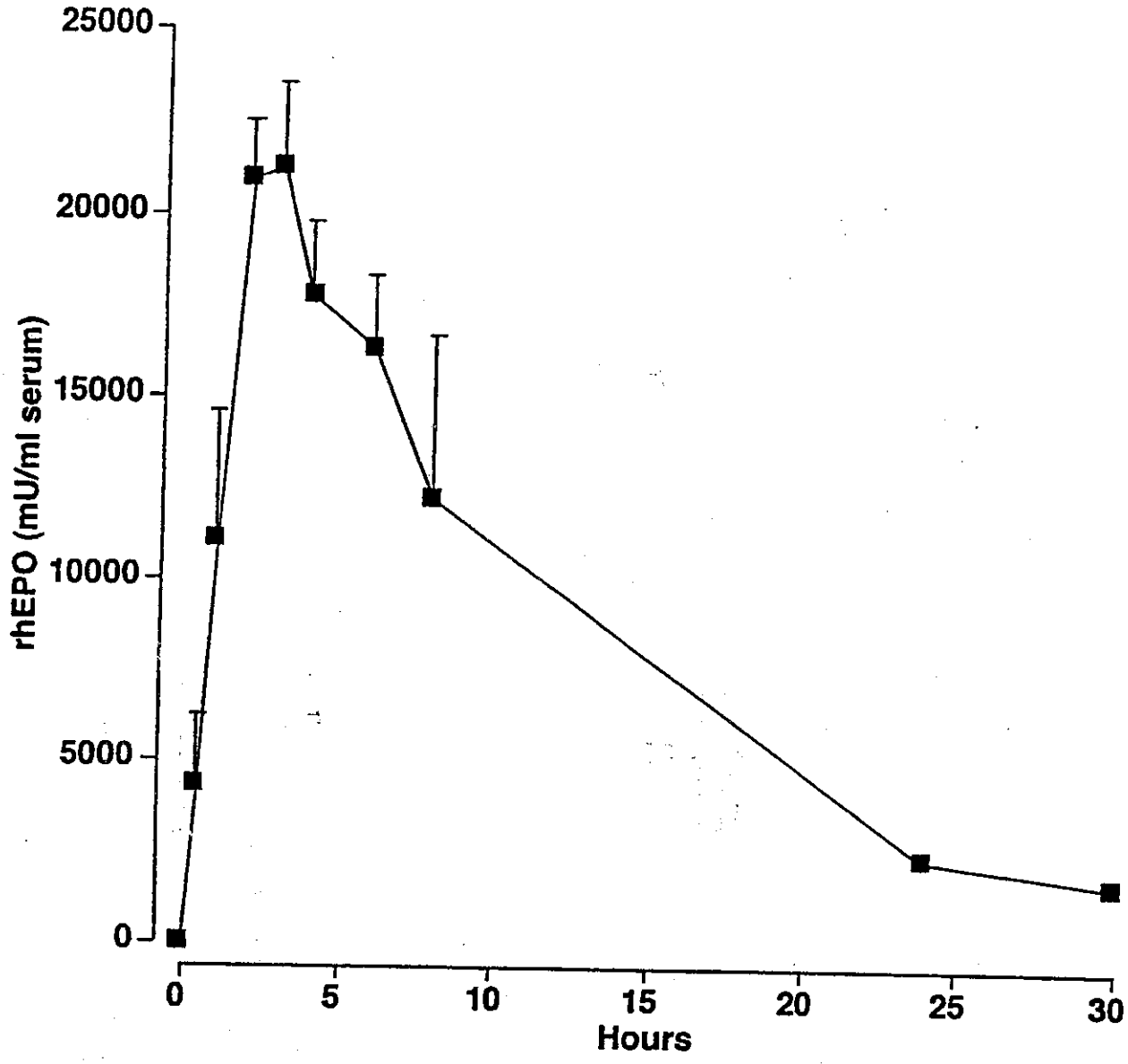

25000
20000
15000
10000
5000
0
rhEPO (mU/ml serum)
0
5
10
15
20
25
30
Hours

FIG.8B

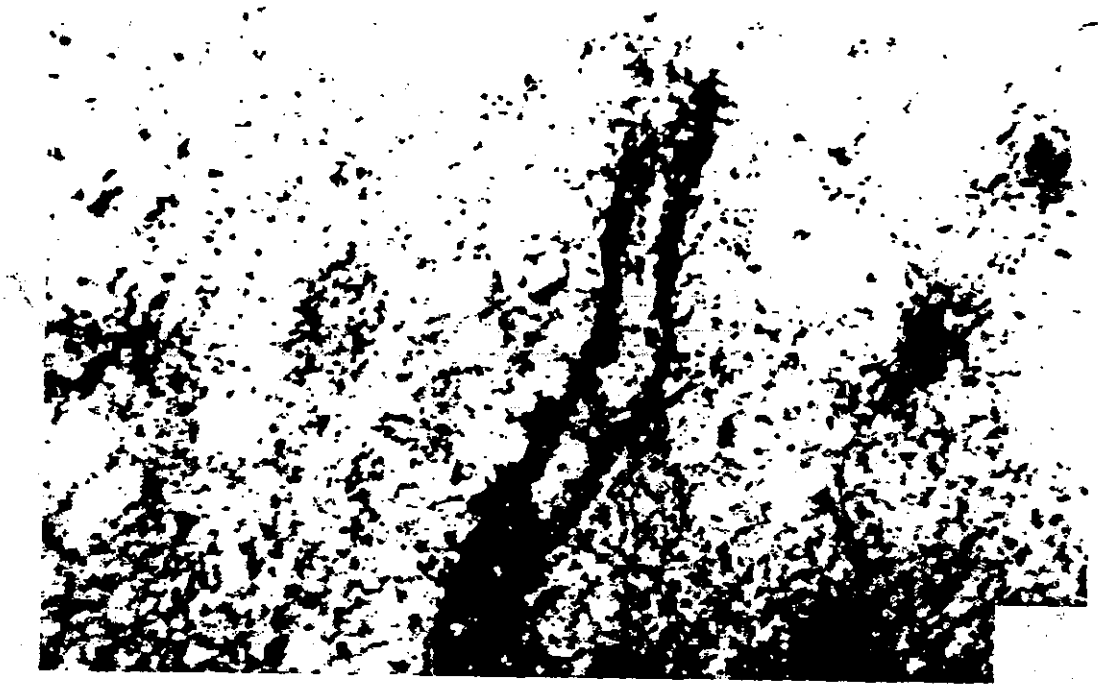


FIG.9A



FIG.9B



FIG.9C