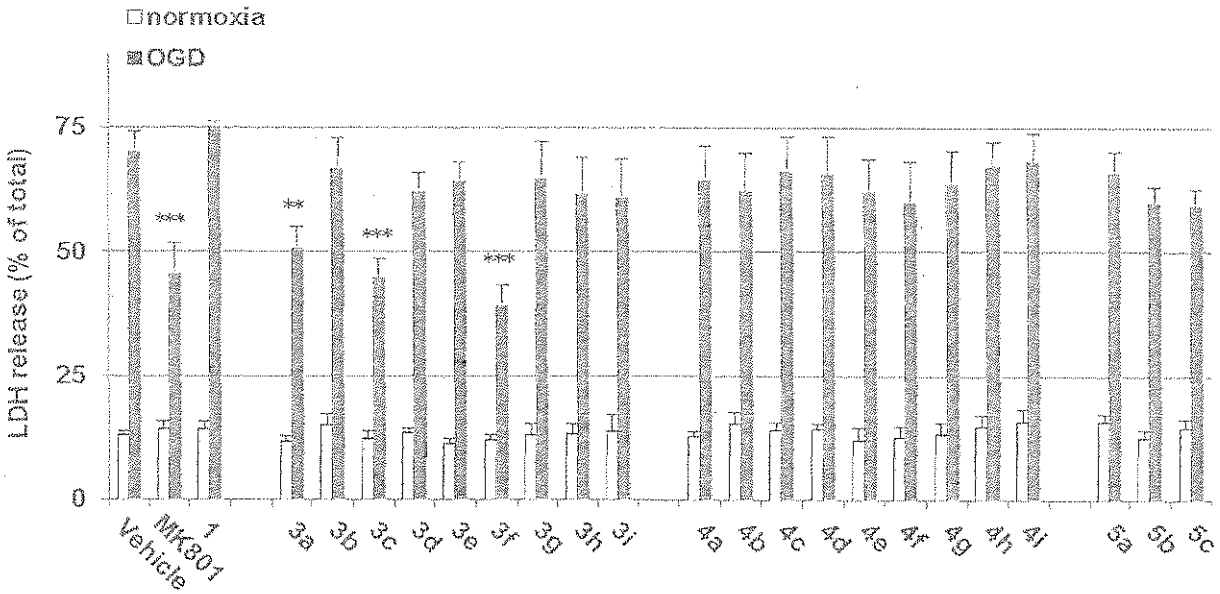
DRAWINGS

1/9

FIG. 1



5

FIG. 2

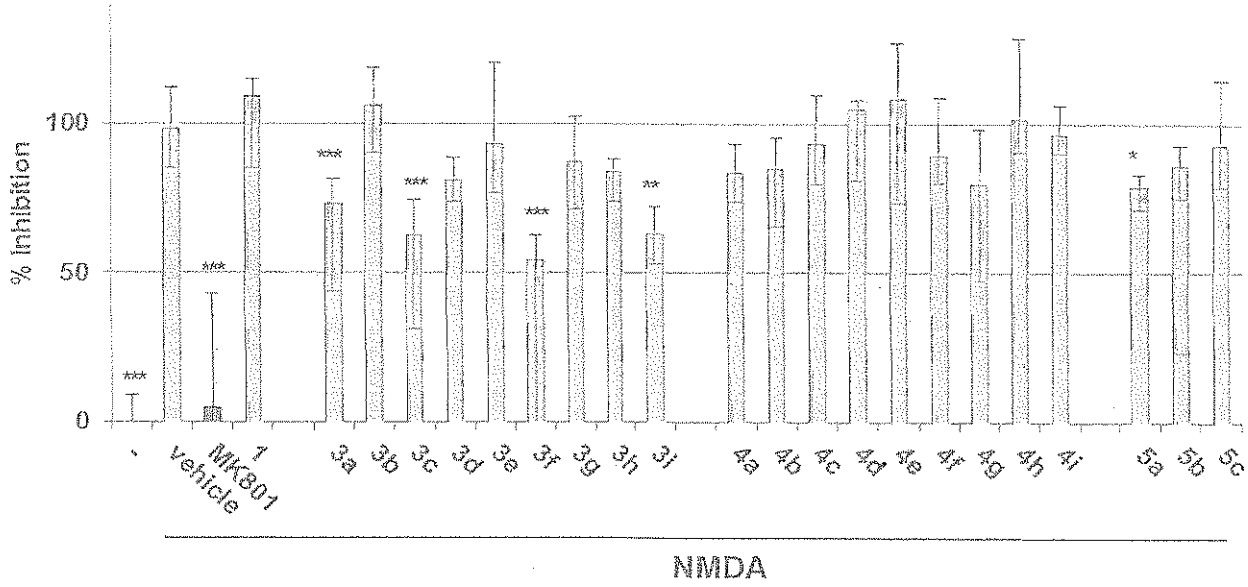


FIG. 3

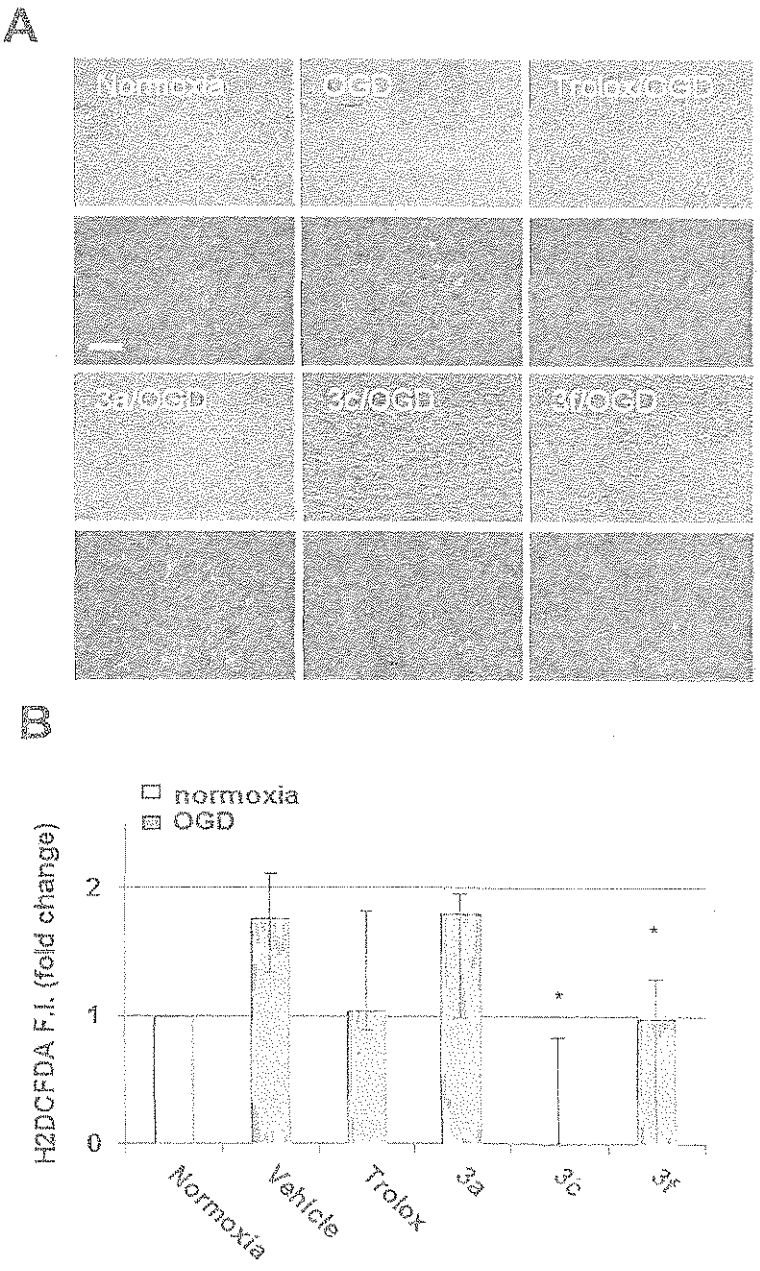

A
Normoxia
OGD
Trolox/OGD
3a/OGD
3c/OGD
3f/OGD
B
normoxia
OGD
H2DCFDA F.I. (fold change)
0
1
2
Normoxia
Vehicle
Trolox
3a
3c
3f
*
*

FIG. 4

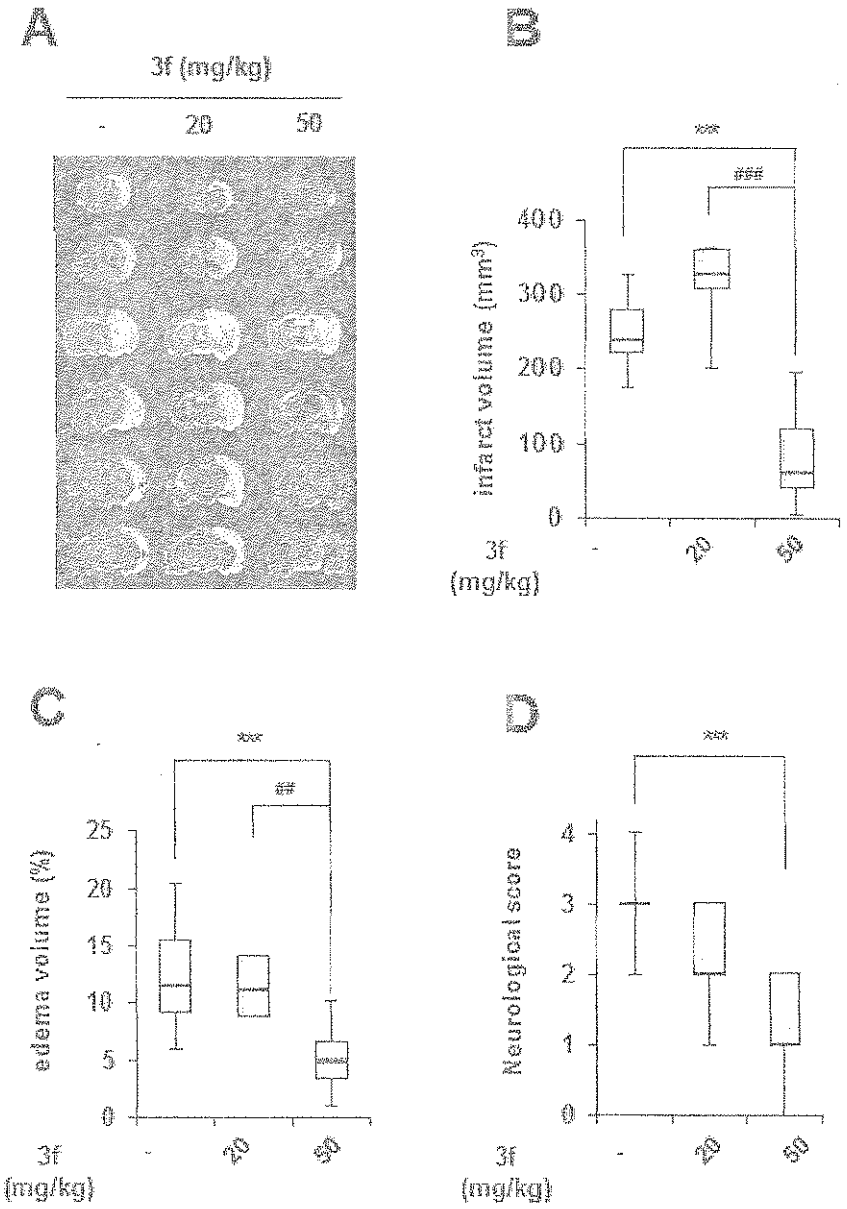

A
3f (mg/kg)
-
20
50
B
**
###
400
300
200
100
0
Infarct volume (mm3)
3f
(mg/kg)
-
20
50
C
**
##
25
20
15
10
5
0
edema volume (%)
3f
(mg/kg)
-
20
50
D
**
4
3
2
1
0
Neurological score
3f
(mg/kg)
-
20
50

FIG. 5

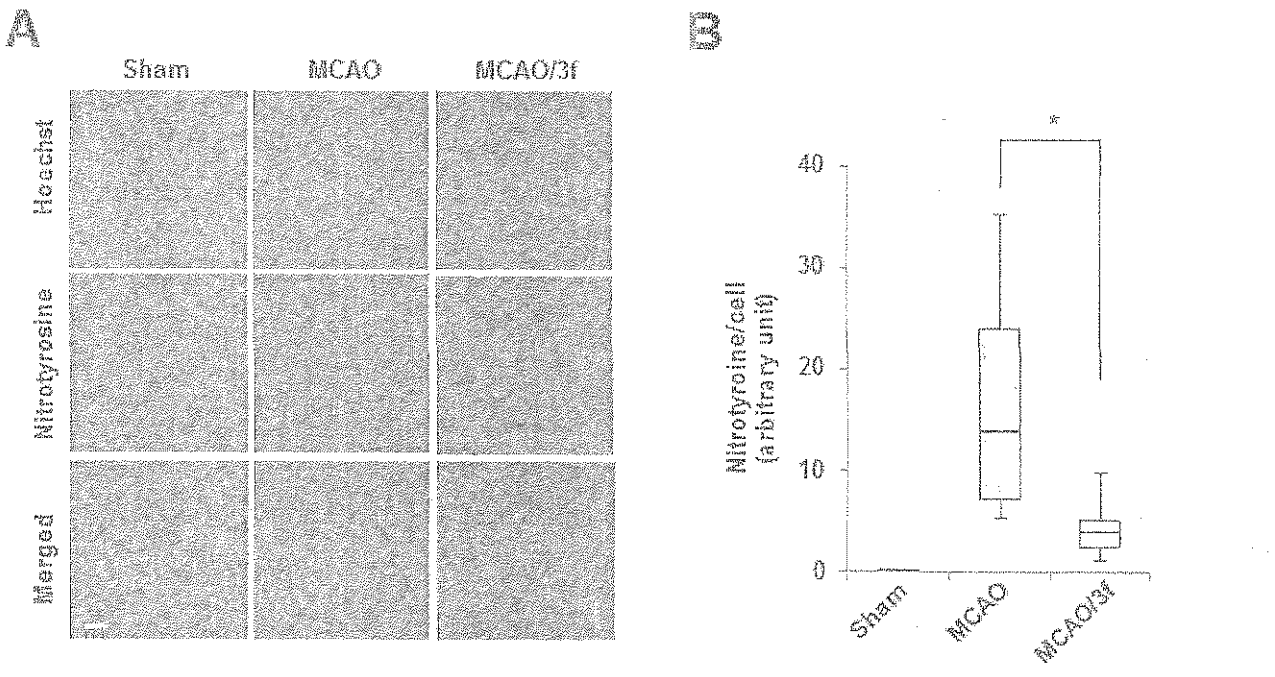

A
Sham
MCAO
MCAO/3f
Hoechst
Nitrotyrosine
Merged
B
Nitrotyroine/cell
(arbitrary unit)
40
30
20
10
0
*
Sham
MCAO
MCAO/3f

FIG. 6

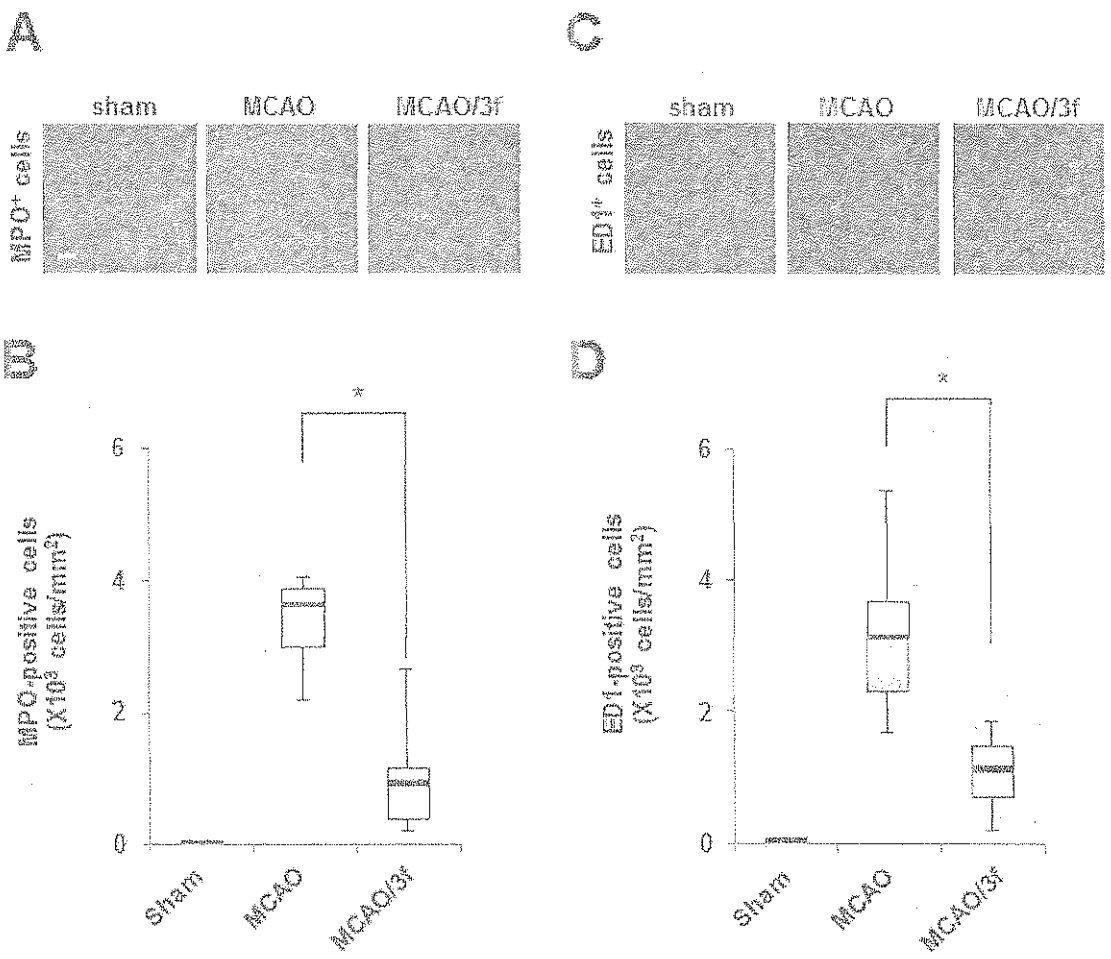

A
sham
MCAO
MCAO/3f
MPO+ cells
C
sham
MCAO
MCAO/3f
ED1+ cells
B
MPO-positive cells
(X10³ cells/mm²)
6
4
2
0
*
Sham
MCAO
MCAO/3f
D
ED1-positive cells
(X10³ cells/mm²)
6
4
2
0
*
Sham
MCAO
MCAO/3f

FIG. 7

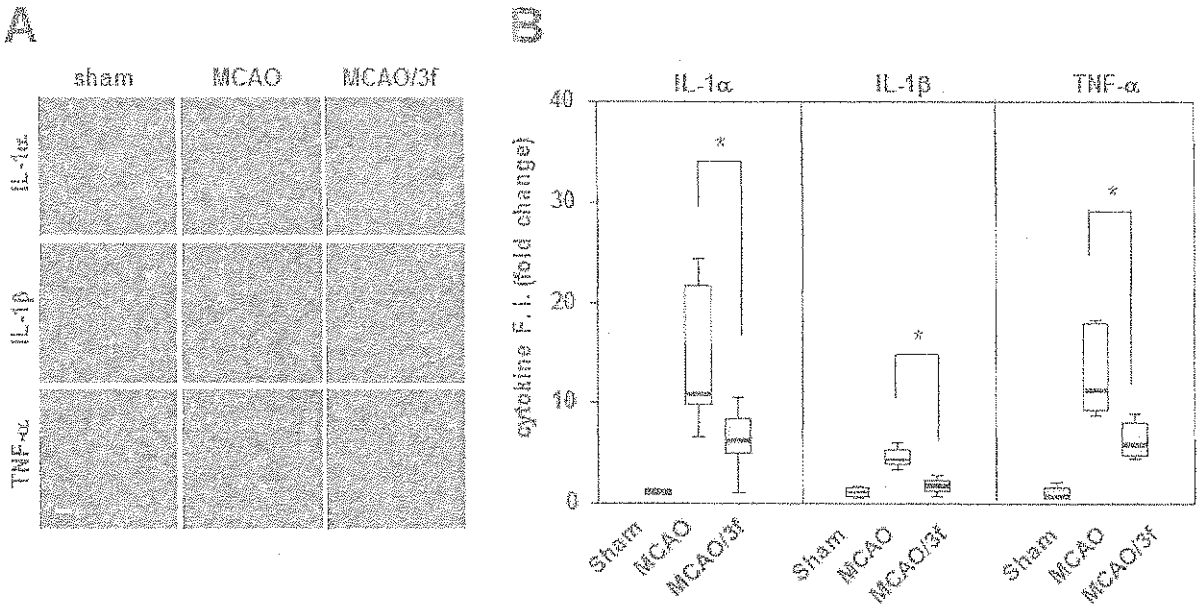

A
sham
MCAO
MCAO/3f
IL-1α
IL-1β
TNF-α
B
IL-1α
IL-1β
TNF-α
cytokine F. I. (fold change)
40
30
20
10
0
*
Sham
MCAO
MCAO/3f

FIG. 8

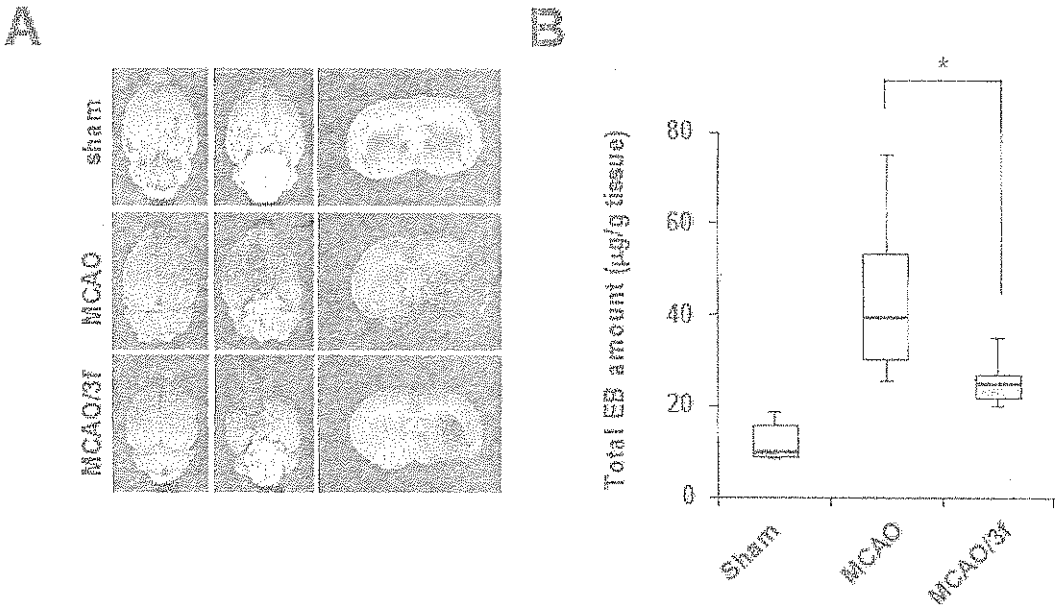

A
sham
MCAO
MCAO/3f
B
Total EB amount (μg/g tissue)
0
20
40
60
80
*
Sham
MCAO
MCAO/3f

FIG. 9

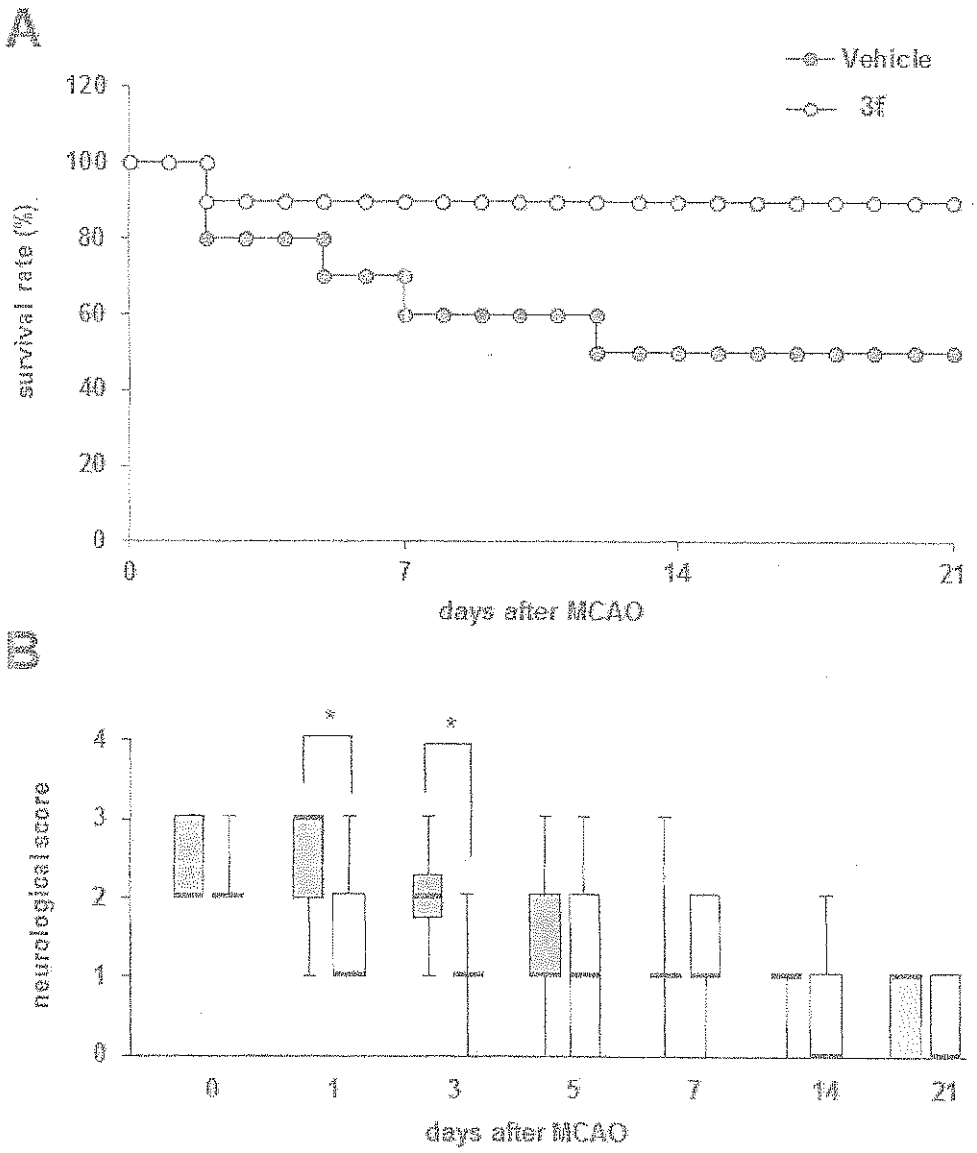

A
Vehicle
3f
120
100
80
60
40
20
0
survival rate (%)
0
7
14
21
days after MCAO
B
*
*
4
3
2
1
0
neurological score
0
1
3
5
7
14
21
days after MCAO

FIG. 10

