FIGURE 1

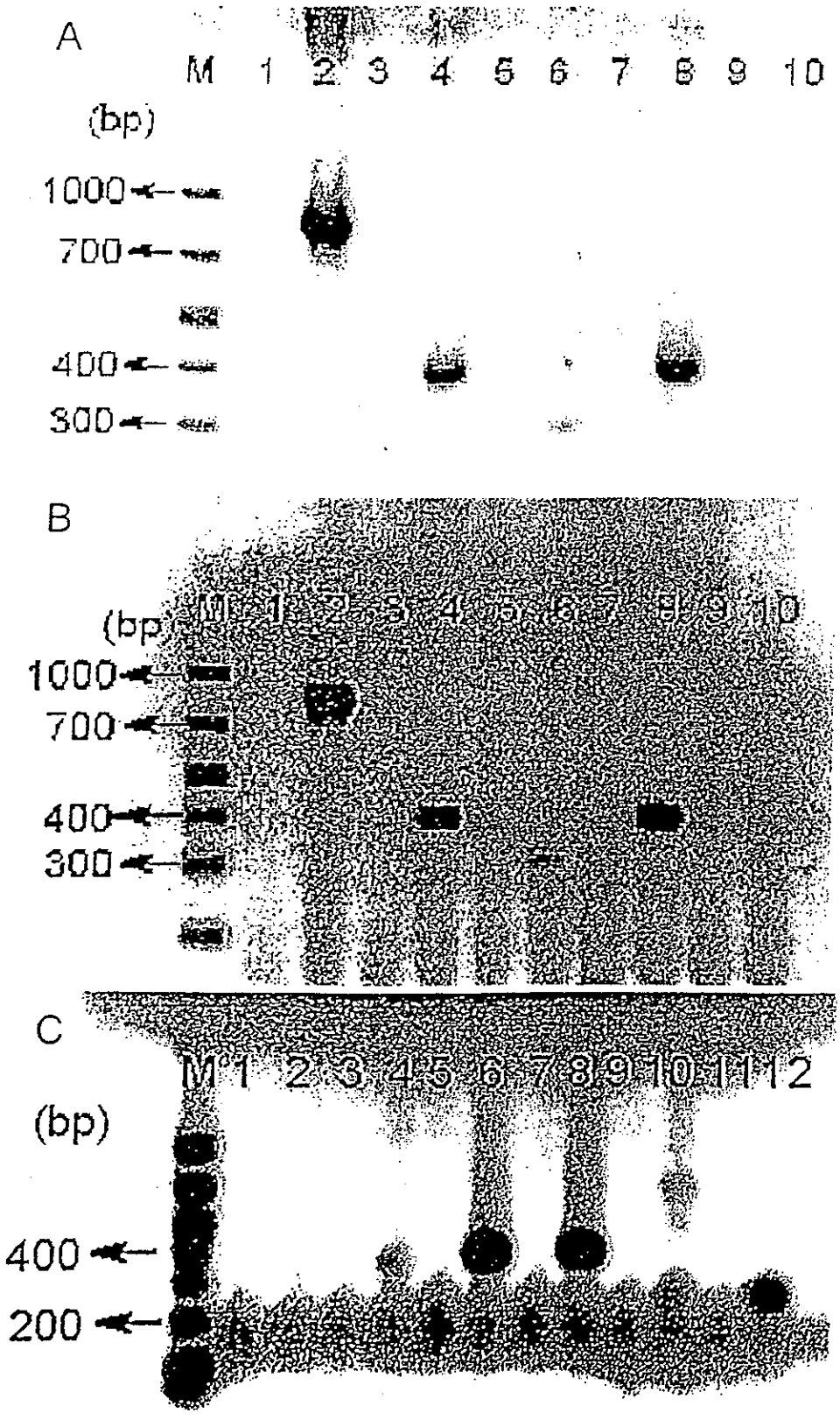

A
M 1 2 3 4 5 6 7 8 9 10
(bp)
1000
700
400
300
B
(bp)
M 1 2 3 4 5 6 7 8 9 10
1000
700
400
300
C
M 1 2 3 4 5 6 7 8 9 10 11 12
(bp)
400
200

FIGURE 2

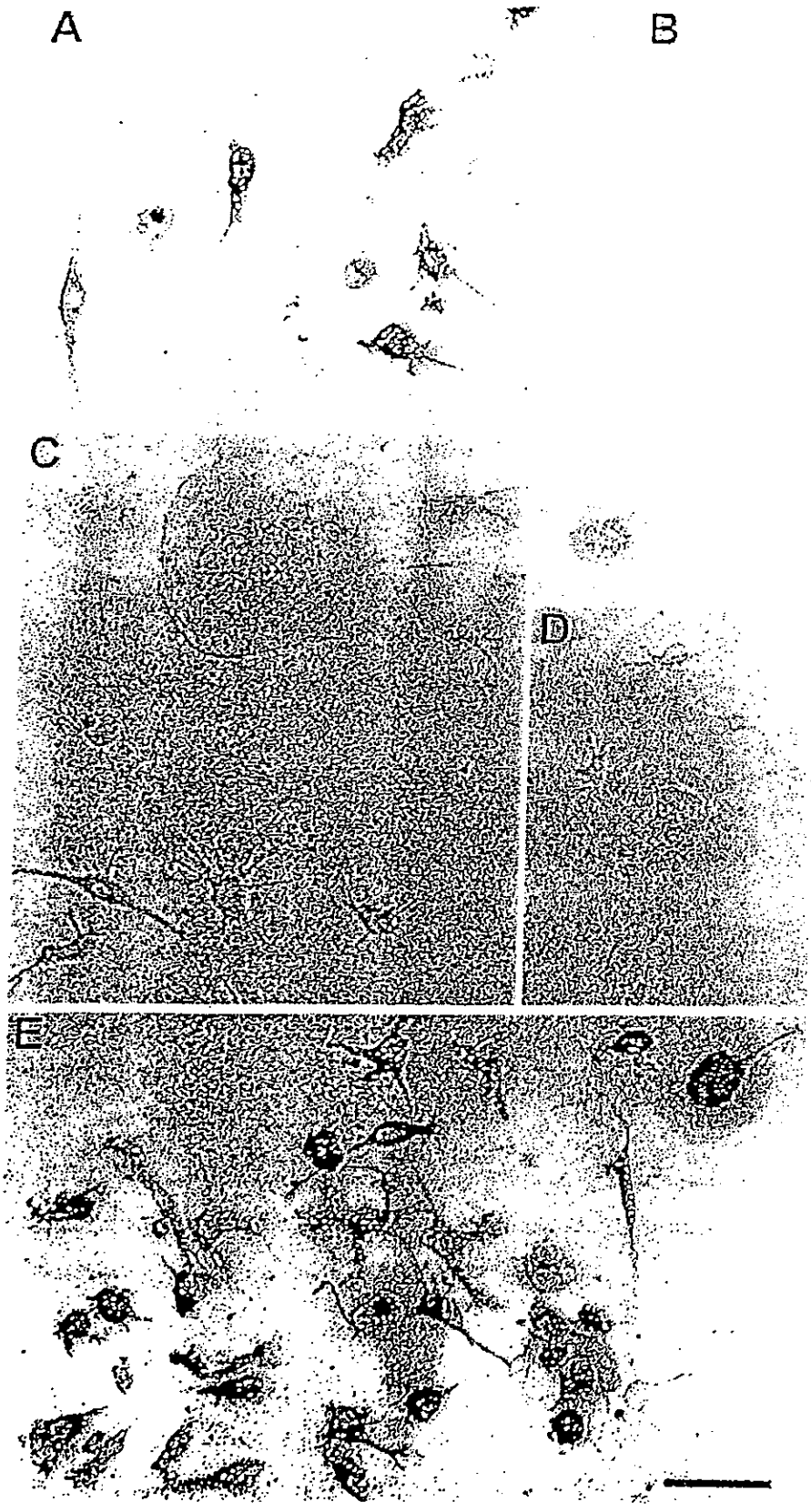


FIGURE 3A

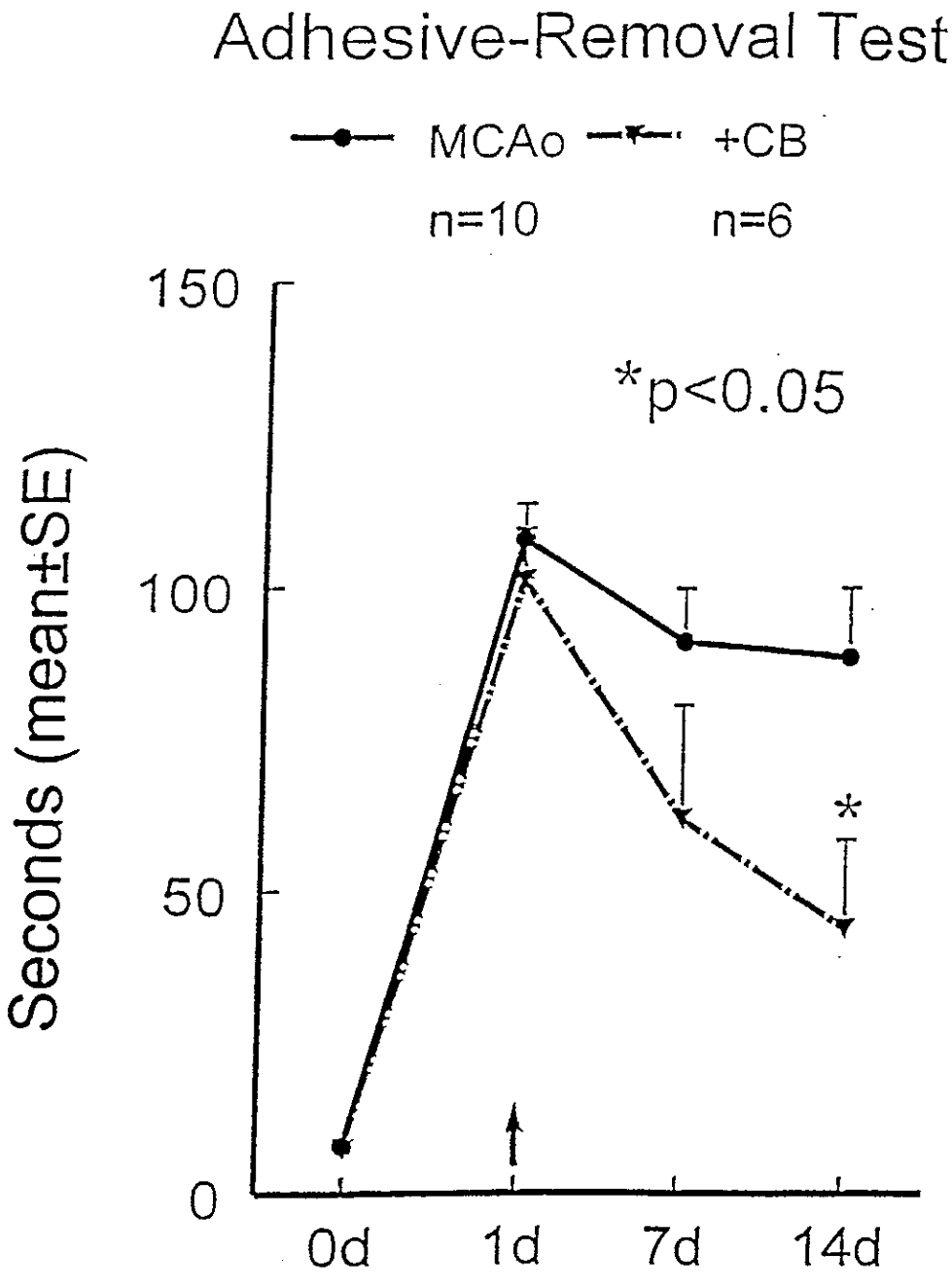

Adhesive-Removal Test
MCAo
+CB
n=10
n=6
*p<0.05
Seconds (mean±SE)
150
100
50
0
0d
1d
7d
14d
*

FIGURE 3B

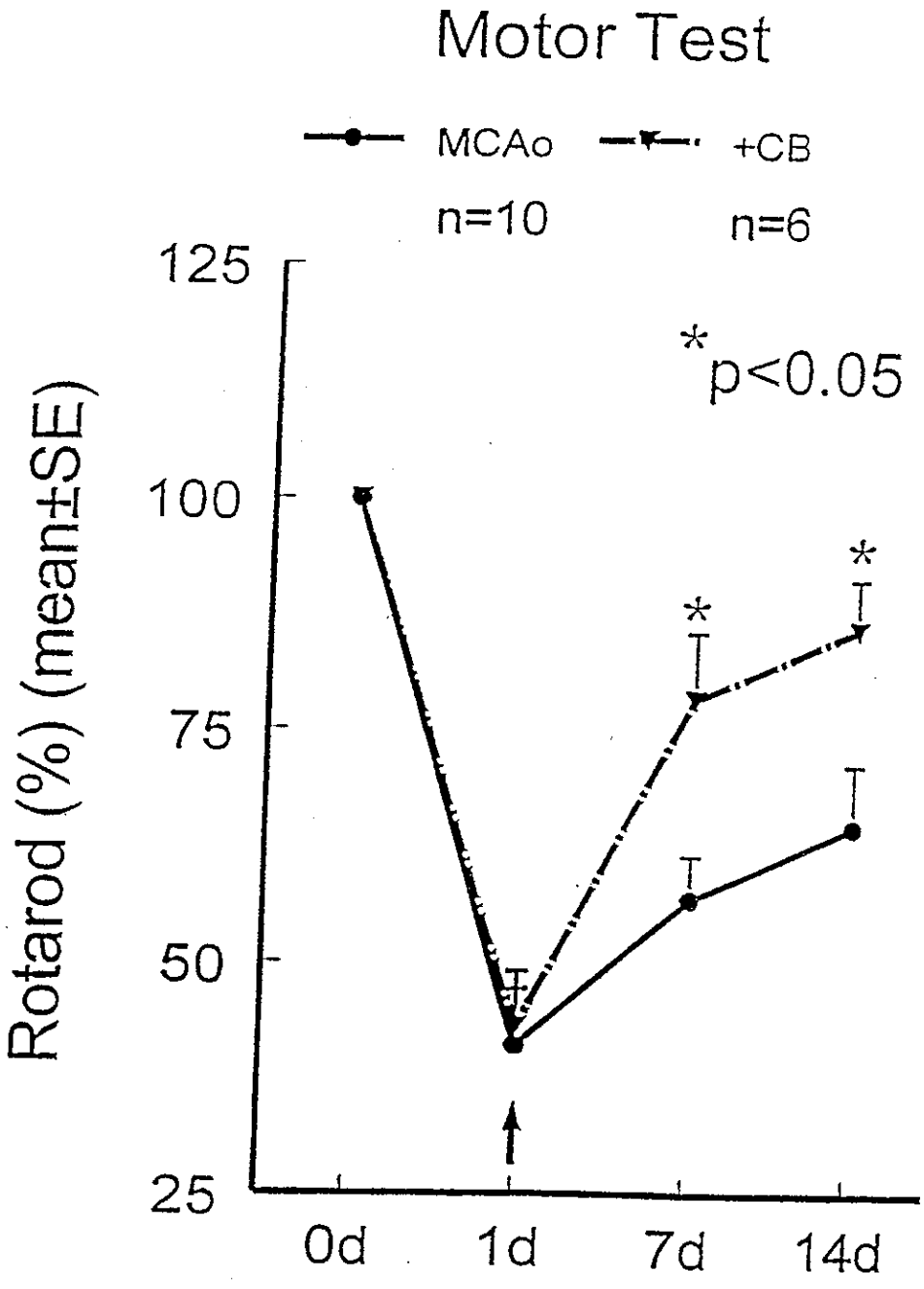

Motor Test
MCAo
+CB
n=10
n=6
*p<0.05
Rotarod (%) (mean±SE)
125
100
75
50
25
0d
1d
7d
14d
*
*

FIGURE 3C

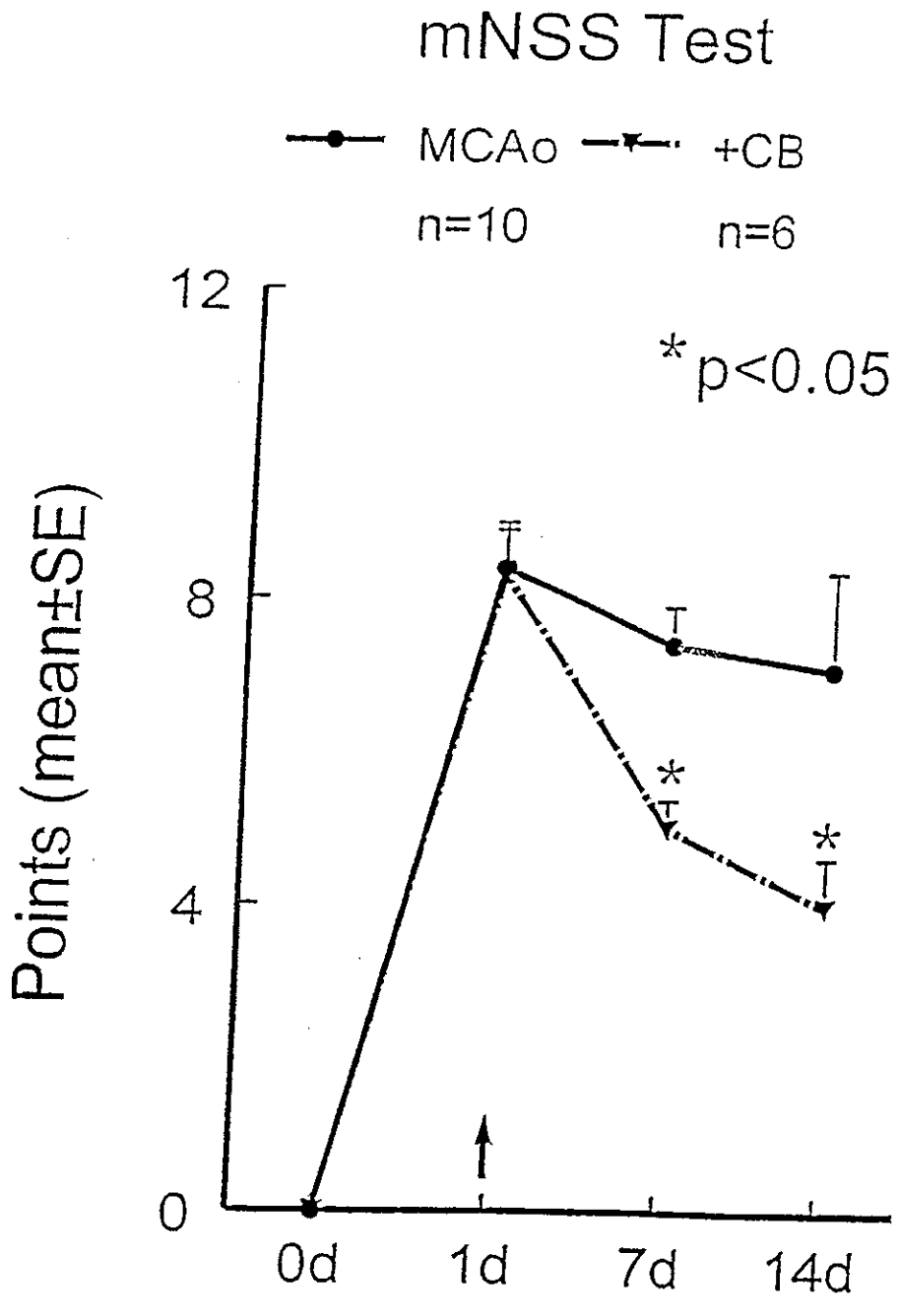


FIGURE 4A

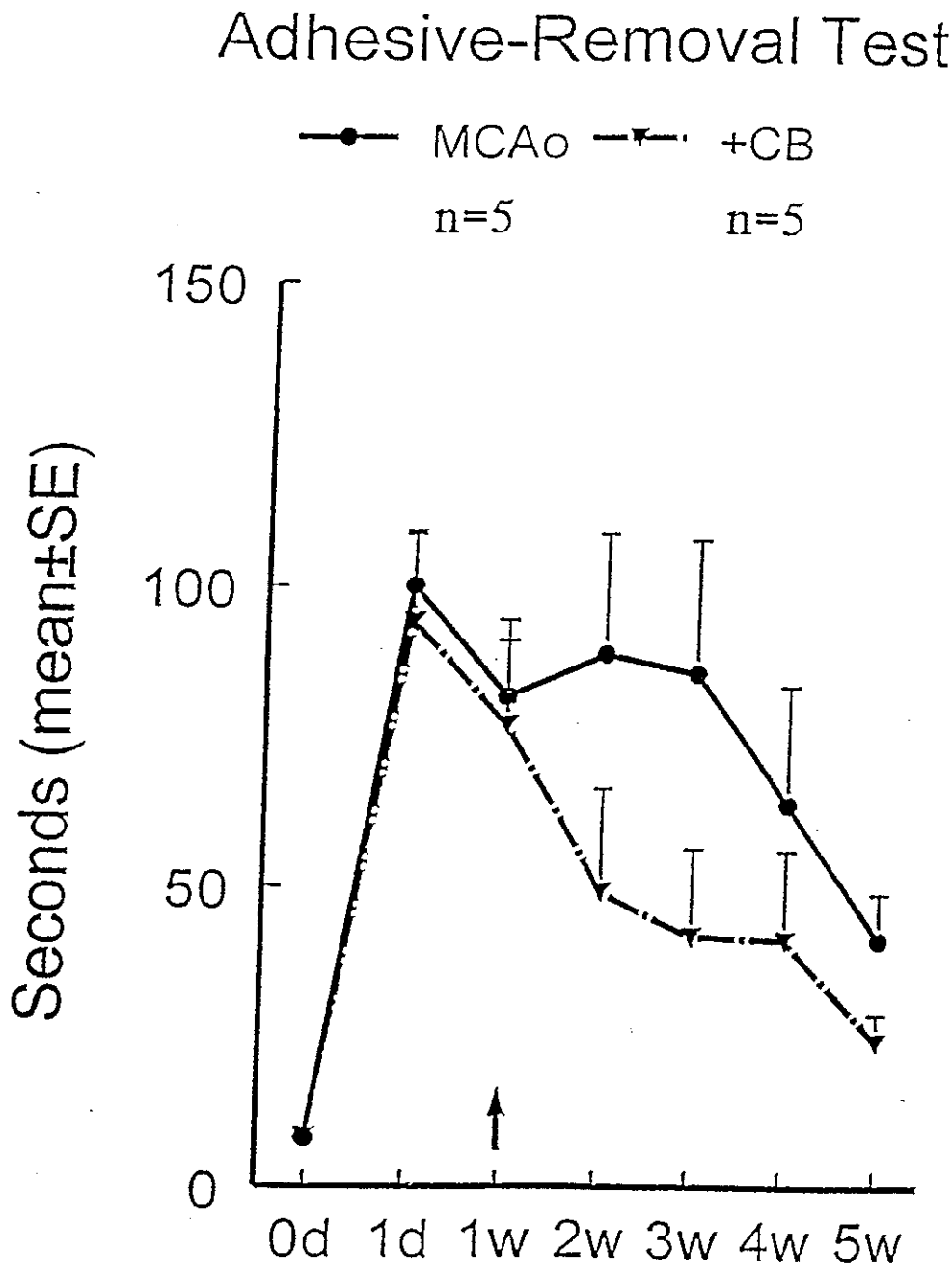

Adhesive-Removal Test
MCAo
+CB
n=5
n=5
Seconds (mean±SE)
150
100
50
0
0d
1d
1w
2w
3w
4w
5w

FIGURE 4B

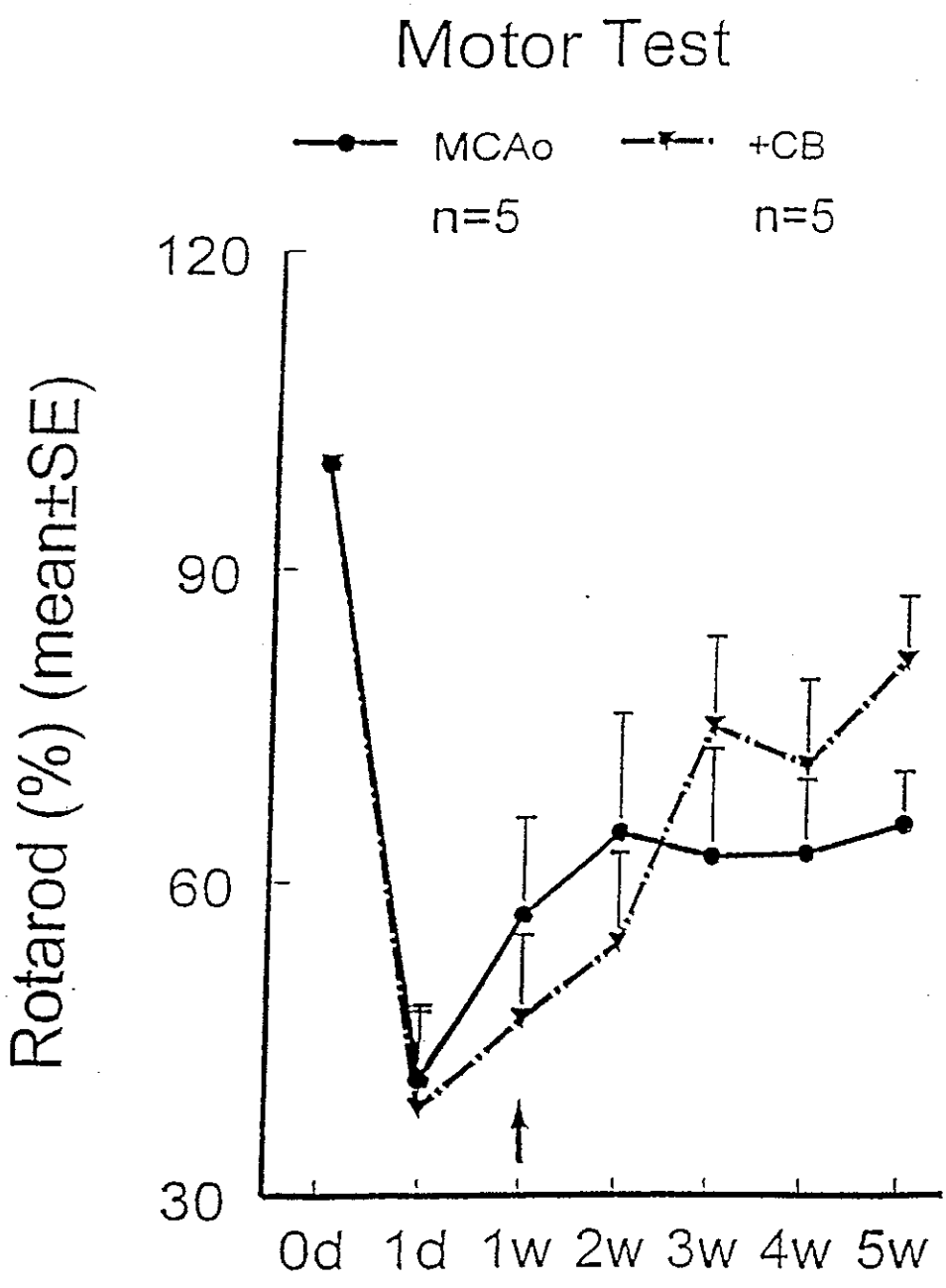

Motor Test
MCAo
+CB
n=5
n=5
120
90
60
30
Rotarod (%) (mean±SE)
0d
1d
1w
2w
3w
4w
5w

FIGURE 4C

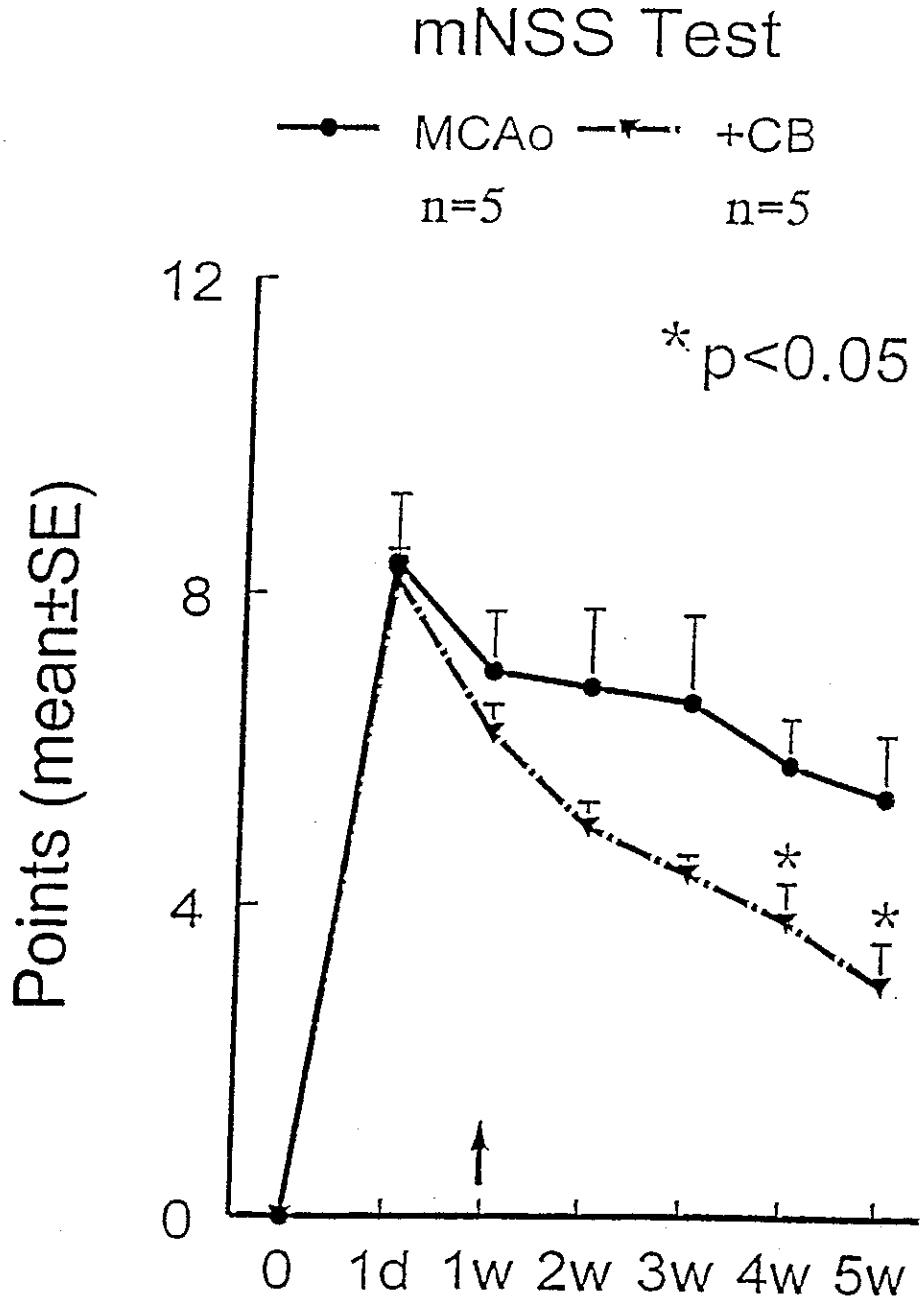
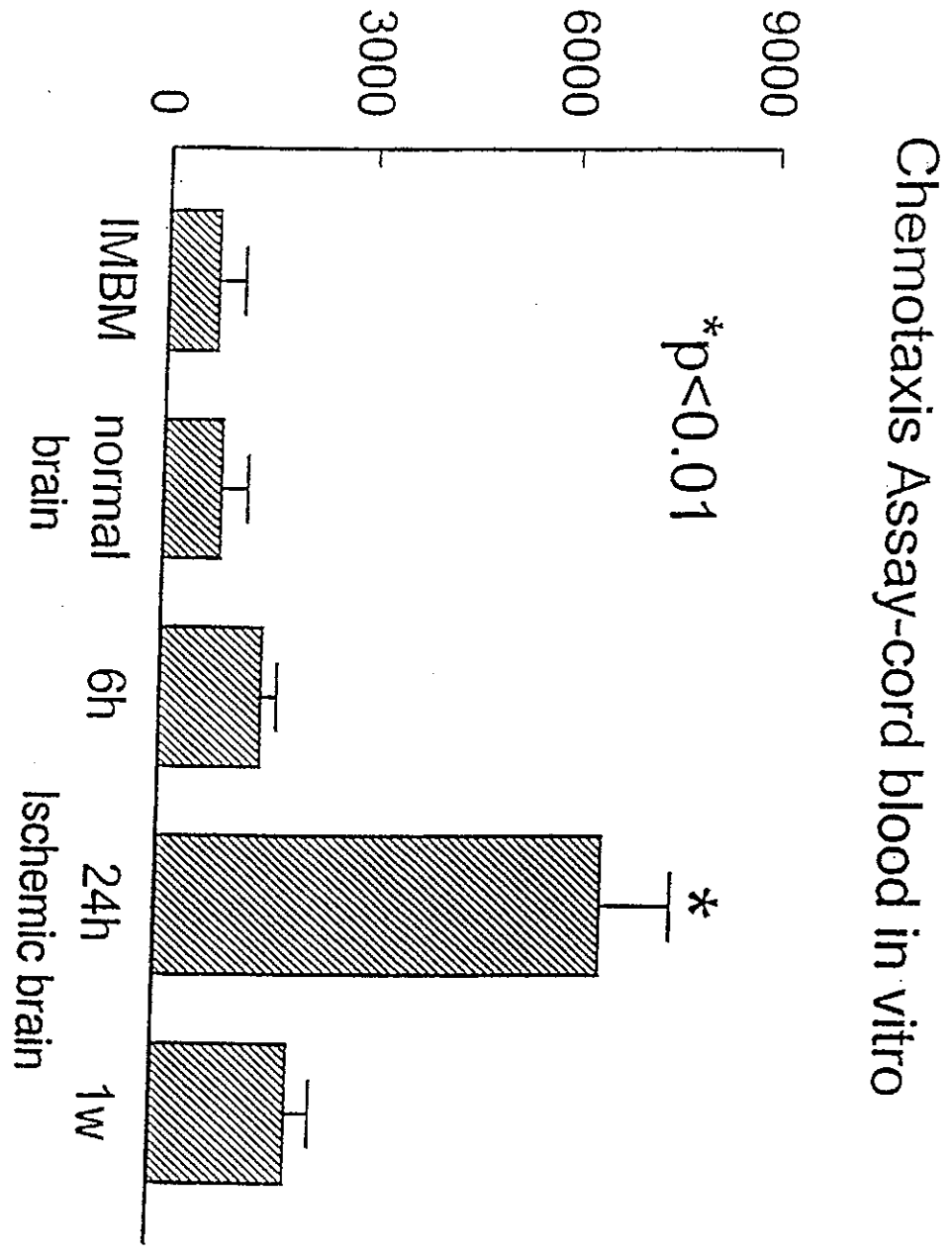

mNSS Test
MCAo
+CB
n=5
n=5
*p<0.05
Points (mean±SE)
12
8
4
0
0
1d
1w
2w
3w
4w
5w

FIGURE 5


Chemotaxis Assay-cord blood in vitro
Cell number (mean±SE)
0
3000
6000
9000
IMBM
normal brain
6h
24h
Ischemic brain
1w
*p<0.01
*