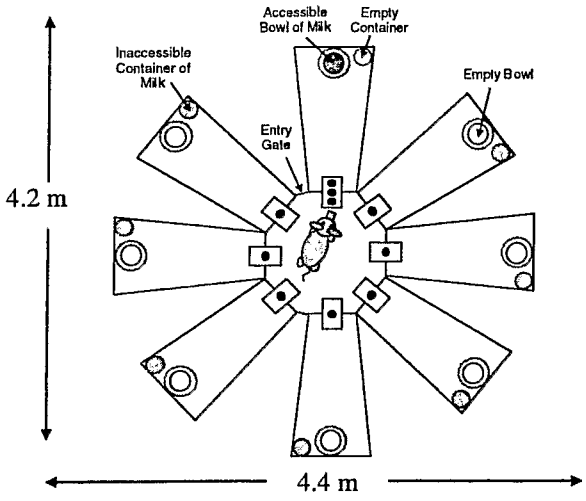

Accessible Bowl of Milk
Empty Container
Inaccessible Container of Milk
Empty Bowl
Entry Gate
4.2 m
4.4 m

FIG. 1.

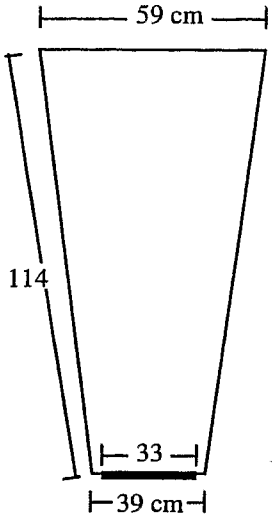

59 cm
114
33
39 cm

FIG. 2.

A

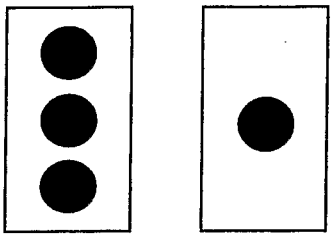


FIG. 3(A).

B

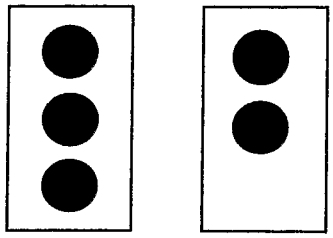


FIG. 3(B)

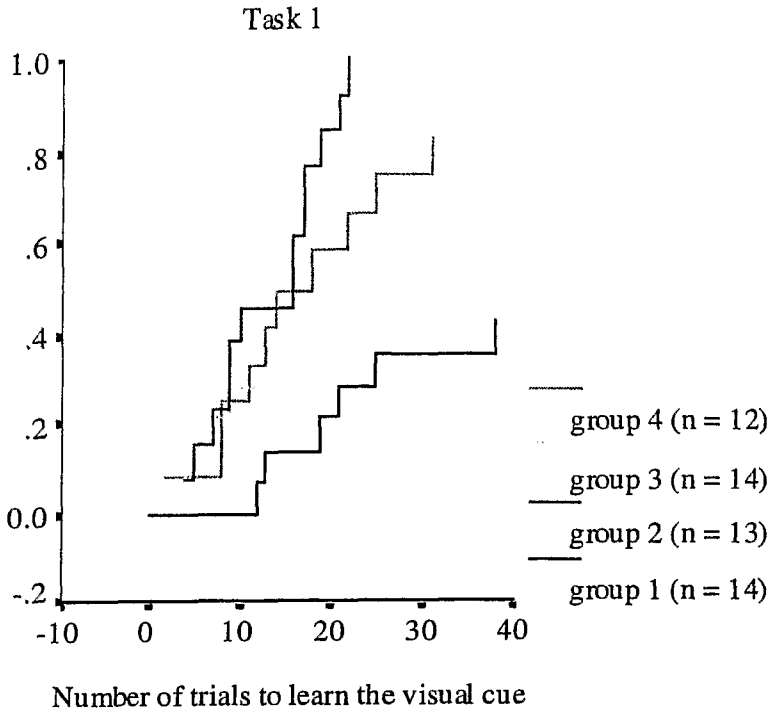

Task 1
1.0
.8
.6
.4
.2
0.0
-.2
-10
0
10
20
30
40
group 4 (n = 12)
group 3 (n = 14)
group 2 (n = 13)
group 1 (n = 14)
Number of trials to learn the visual cue

FIG. 4.

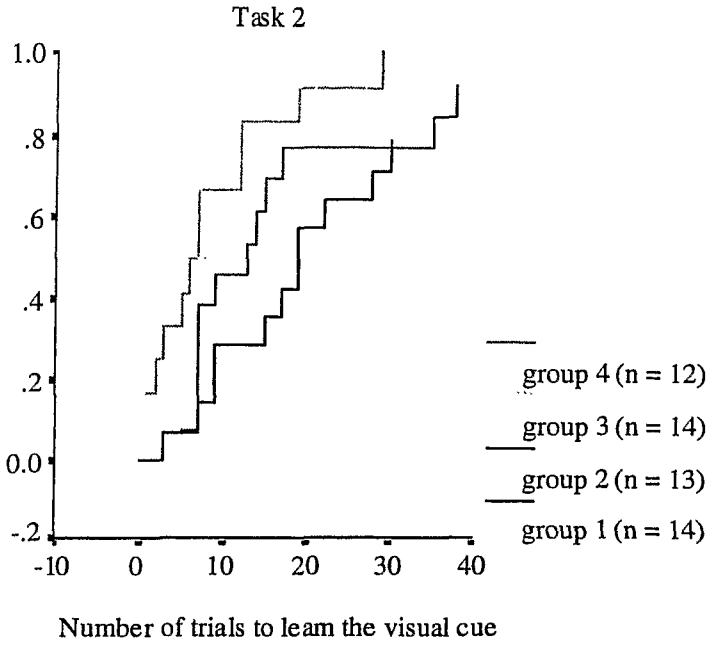

Task 2
1.0
.8
.6
.4
.2
0.0
-.2
-10
0
10
20
30
40
group 4 (n = 12)
group 3 (n = 14)
group 2 (n = 13)
group 1 (n = 14)
Number of trials to learn the visual cue

FIG. 5.

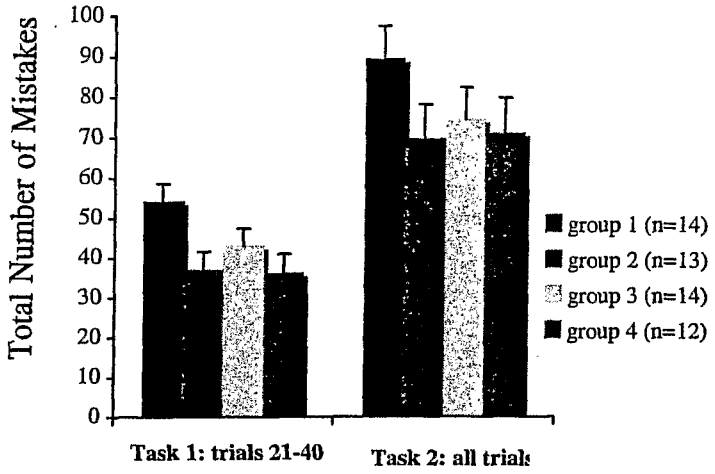

Total Number of Mistakes
100
90
80
70
60
50
40
30
20
10
0
Task 1: trials 21-40
Task 2: all trials
group 1 (n=14)
group 2 (n=13)
group 3 (n=14)
group 4 (n=12)

FIG. 6.

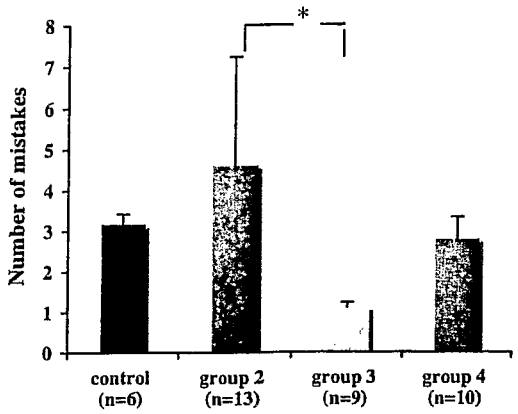

Number of mistakes
0
1
2
3
4
5
6
7
8
*
control (n=6)
group 2 (n=13)
group 3 (n=9)
group 4 (n=10)

FIG. 7(A).

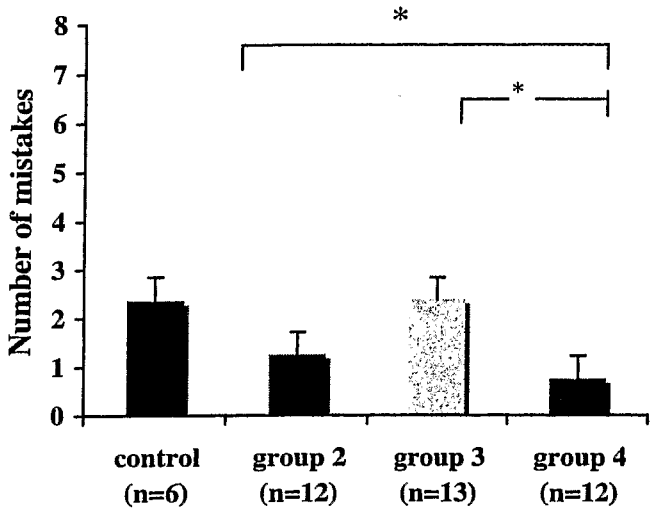

Number of mistakes
0
1
2
3
4
5
6
7
8
*
*
control (n=6)
group 2 (n=12)
group 3 (n=13)
group 4 (n=12)

FIG. 7(B).

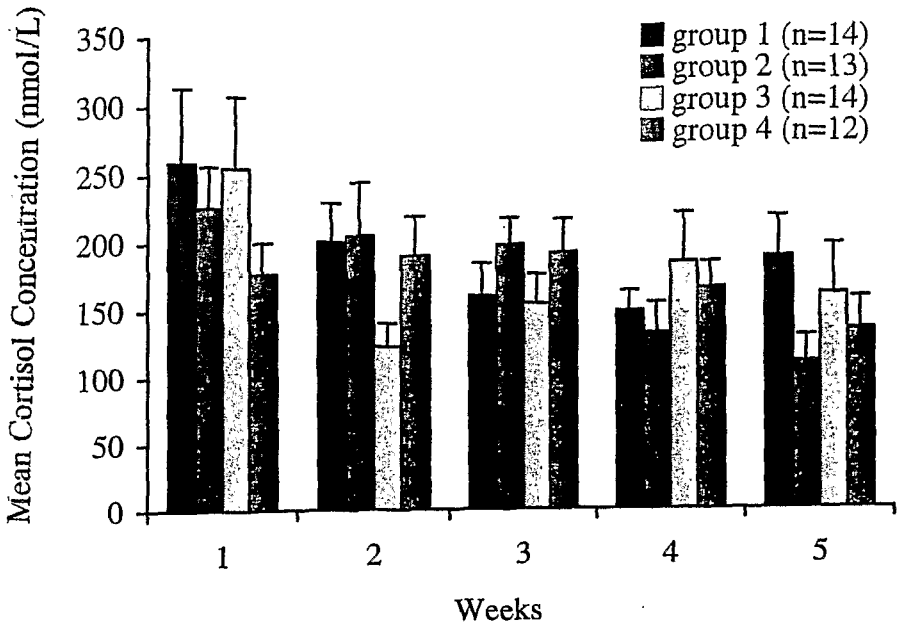

Mean Cortisol Concentration (nmol/L)
350
300
250
200
150
100
50
0
1
2
3
4
5
Weeks
group 1 (n=14)
group 2 (n=13)
group 3 (n=14)
group 4 (n=12)

FIG. 8(A).

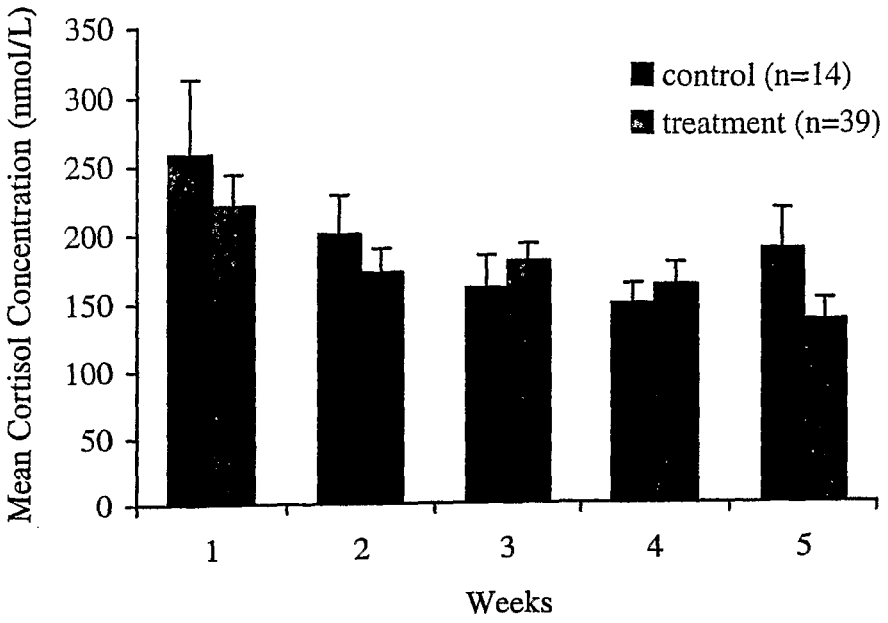

Mean Cortisol Concentration (nmol/L)
350
300
250
200
150
100
50
0
1
2
3
4
5
Weeks
control (n=14)
treatment (n=39)

FIG. 8(B).

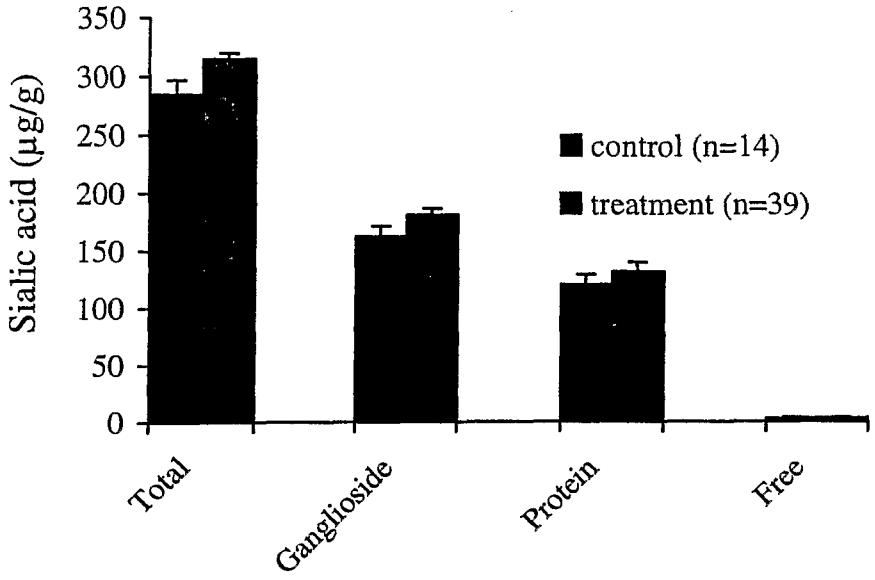
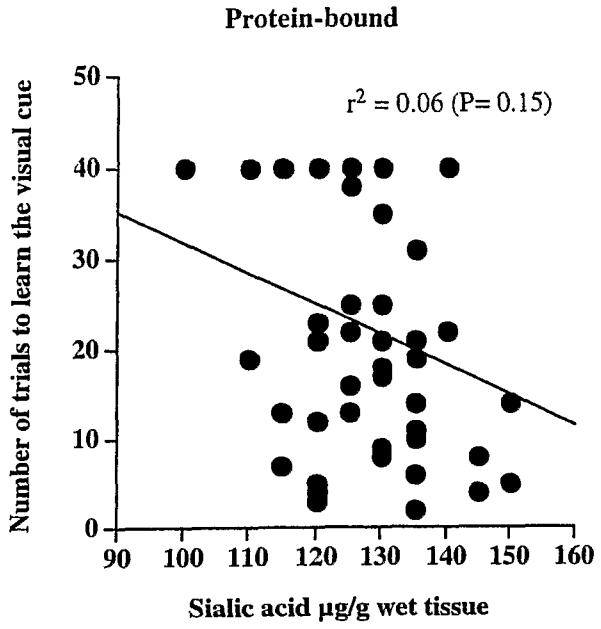

350
300
250
200
150
100
50
0
Sialic acid (µg/g)
control (n=14)
treatment (n=39)
Total
Ganglioside
Protein
Free

FIG. 9.



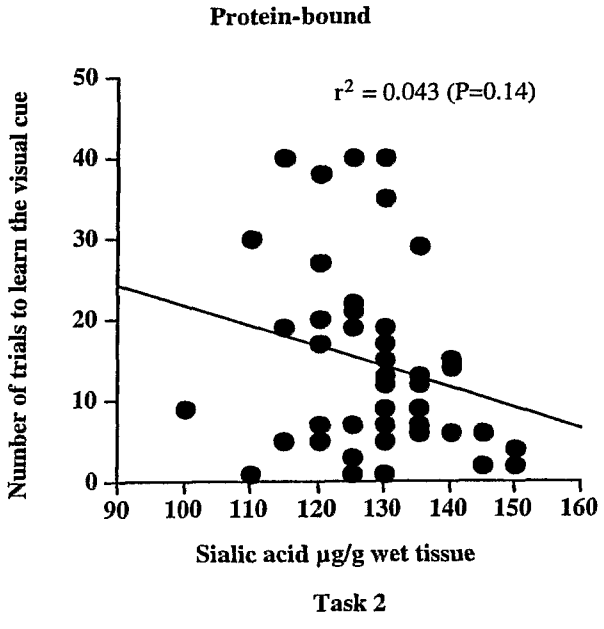


FIG. 10(A) (TOP) AND FIG. 10(B) (BOTTOM).

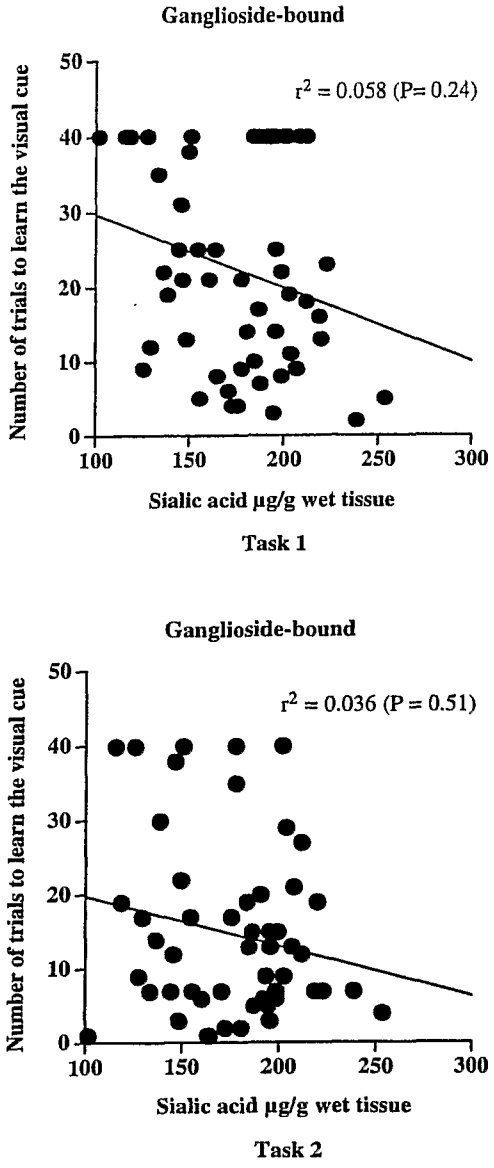


FIG. 11(A) (TOP) AND FIG. 11(B) (BOTTOM).

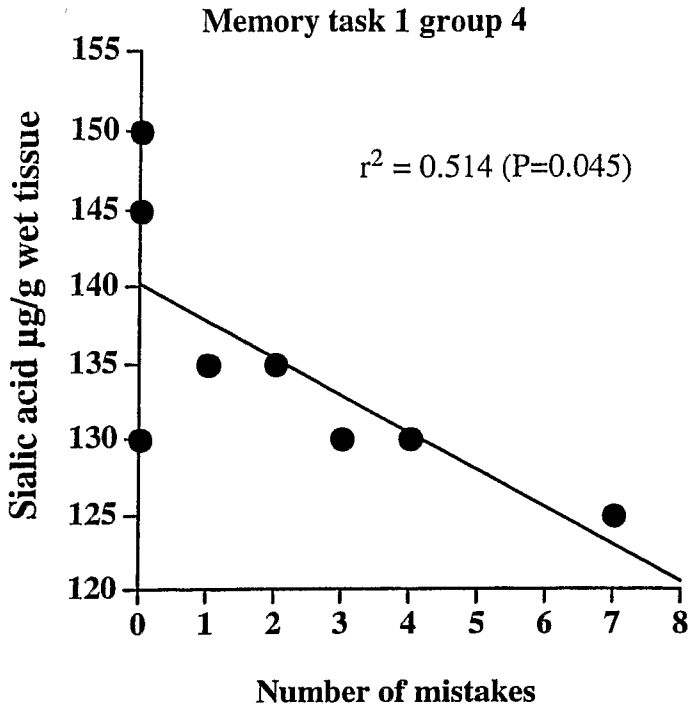

Memory task 1 group 4
155
150
145
140
135
130
125
120
Sialic acid µg/g wet tissue
r2 = 0.514 (P=0.045)
0
1
2
3
4
5
6
7
8
Number of mistakes

FIG. 12.

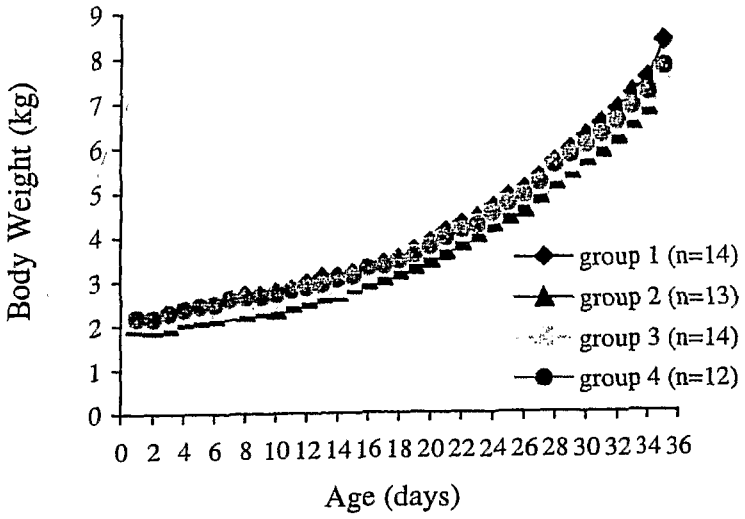

Body Weight (kg)
0
1
2
3
4
5
6
7
8
9
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36
Age (days)
group 1 (n=14)
group 2 (n=13)
group 3 (n=14)
group 4 (n=12)

FIG. 13.