FIG. 1

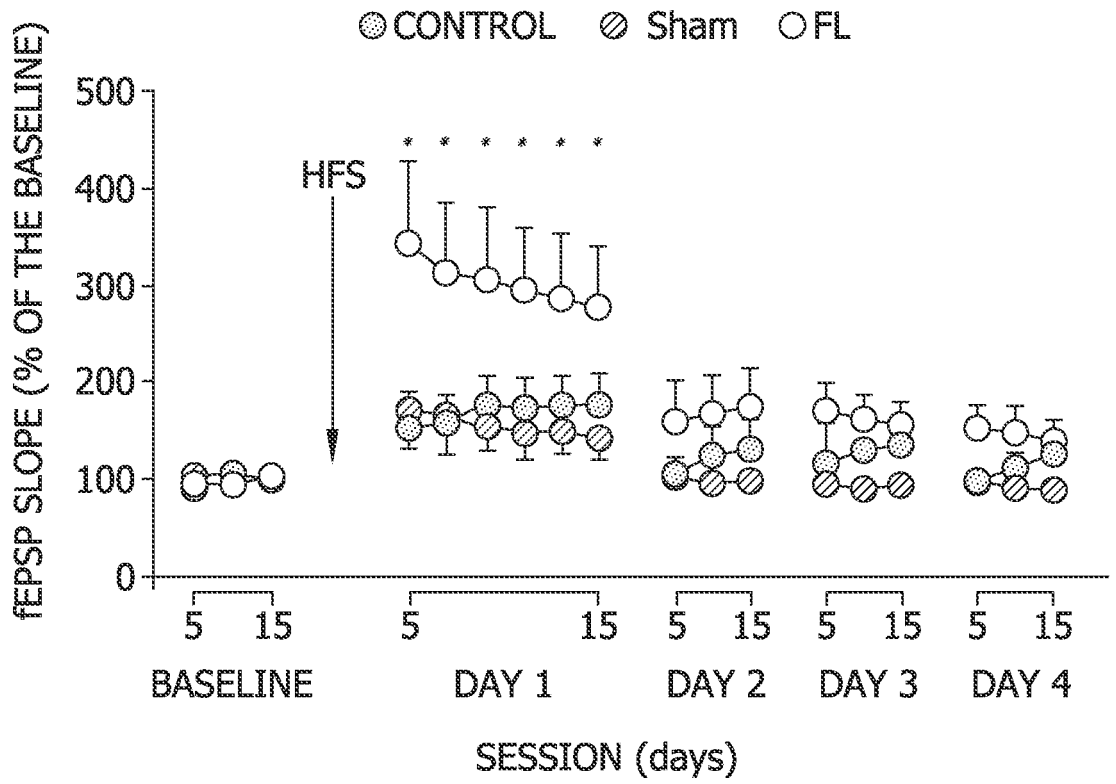

CONTROL
Sham
FL
fEPSP SLOPE (% OF THE BASELINE)
500
400
300
200
100
0
HFS
5 15
5 15
5 15
5 15
5 15
BASELINE
DAY 1
DAY 2
DAY 3
DAY 4
SESSION (days)

FIG. 2

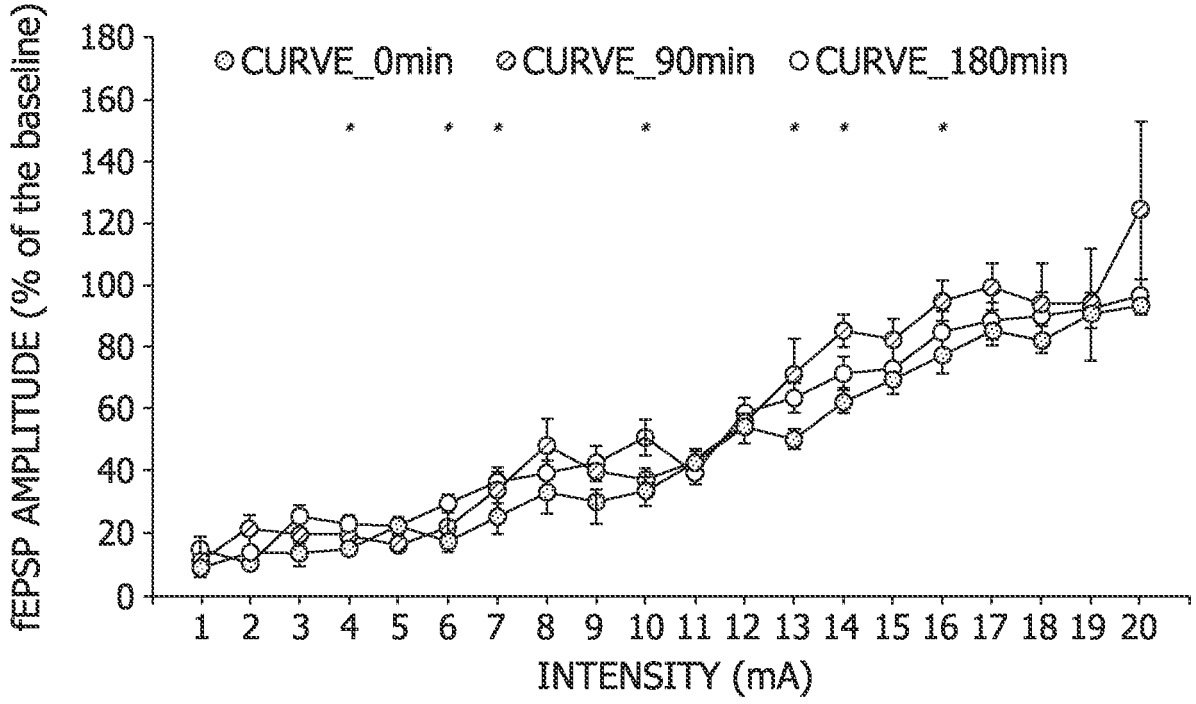

CURVE_0min
CURVE_90min
CURVE_180min
fEPSP AMPLITUDE (% of the baseline)
180
160
140
120
100
80
60
40
20
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
INTENSITY (mA)

FIG. 3

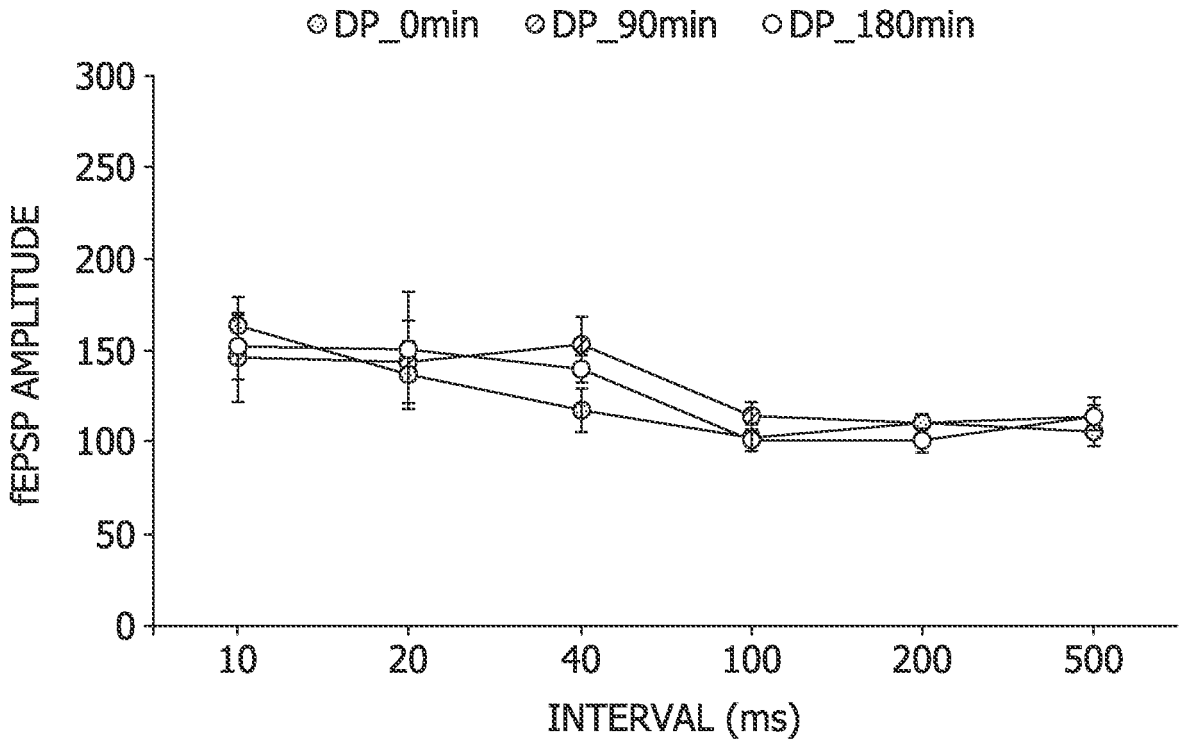

DP_0min
DP_90min
DP_180min
fEPSP AMPLITUDE
300
250
200
150
100
50
0
10
20
40
100
200
500
INTERVAL (ms)

FIG. 4

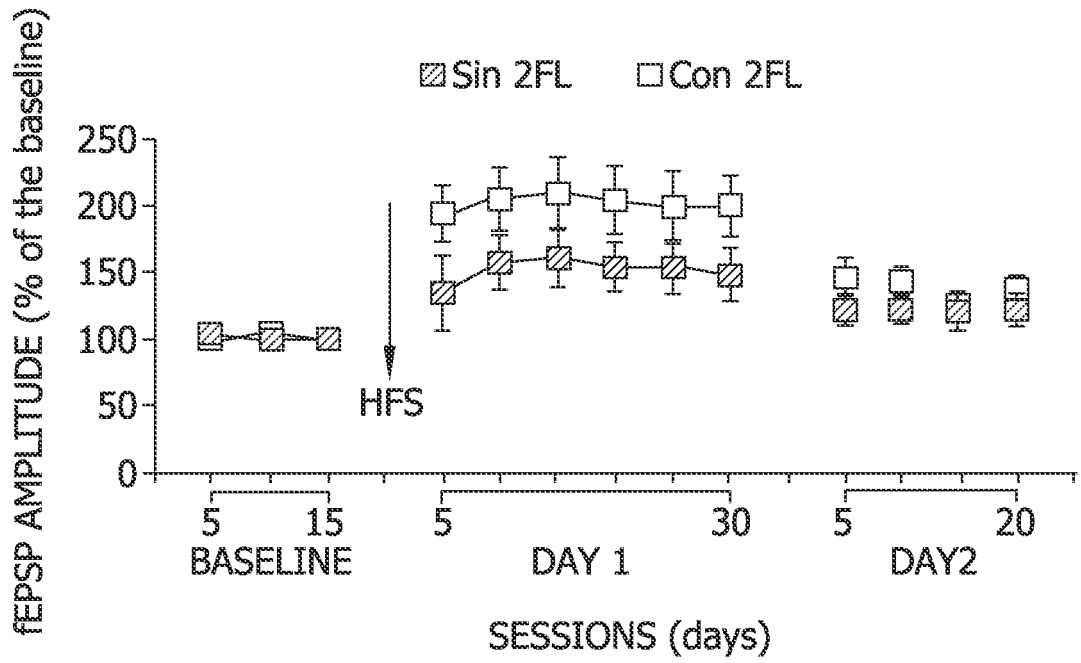
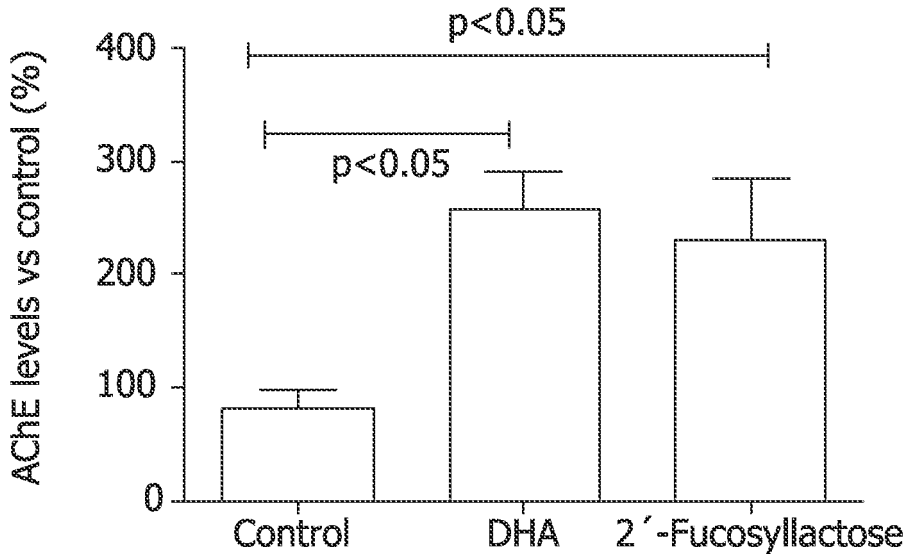

Sin 2FL
Con 2FL
fEPSP AMPLITUDE (% of the baseline)
250
200
150
100
50
0
HFS
5
15
BASELINE
5
30
DAY 1
5
20
DAY2
SESSIONS (days)

FIG. 5


p<0.05
p<0.05
AChE levels vs control (%)
400
300
200
100
0
Control
DHA
2´-Fucosyllactose