Figure 1

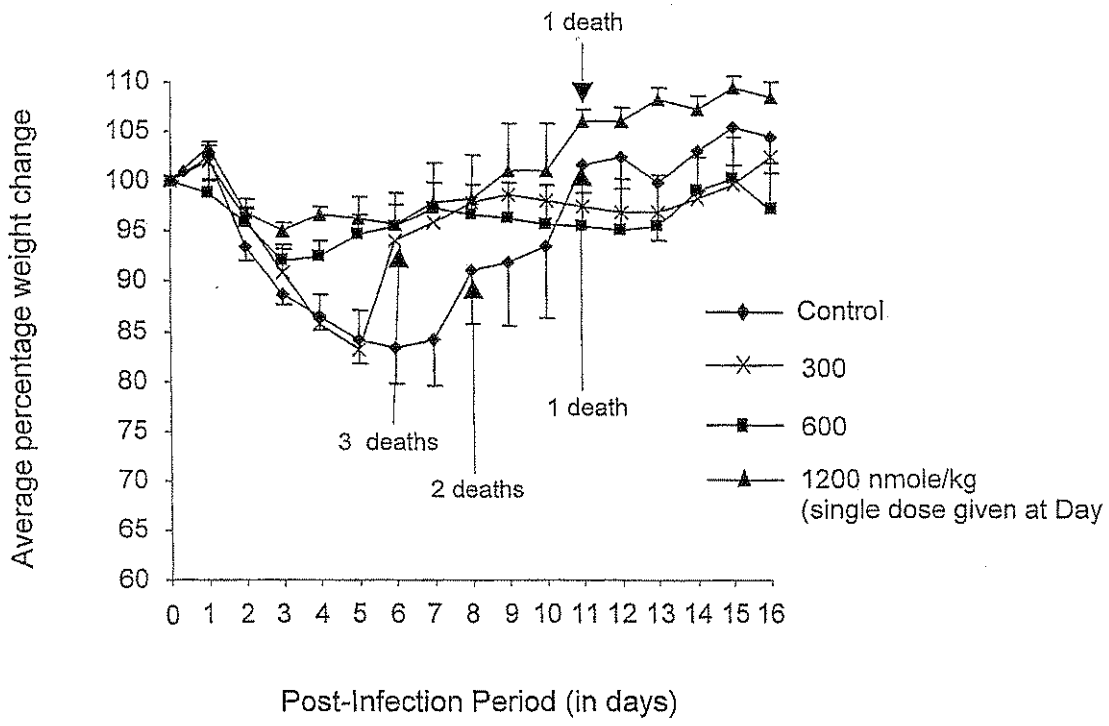

1 death
110
105
100
95
90
85
80
75
70
65
60
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
Average percentage weight change
3 deaths
2 deaths
1 death
Control
300
600
1200 nmole/kg
(single dose given at Day
Post-Infection Period (in days)

Figure 2

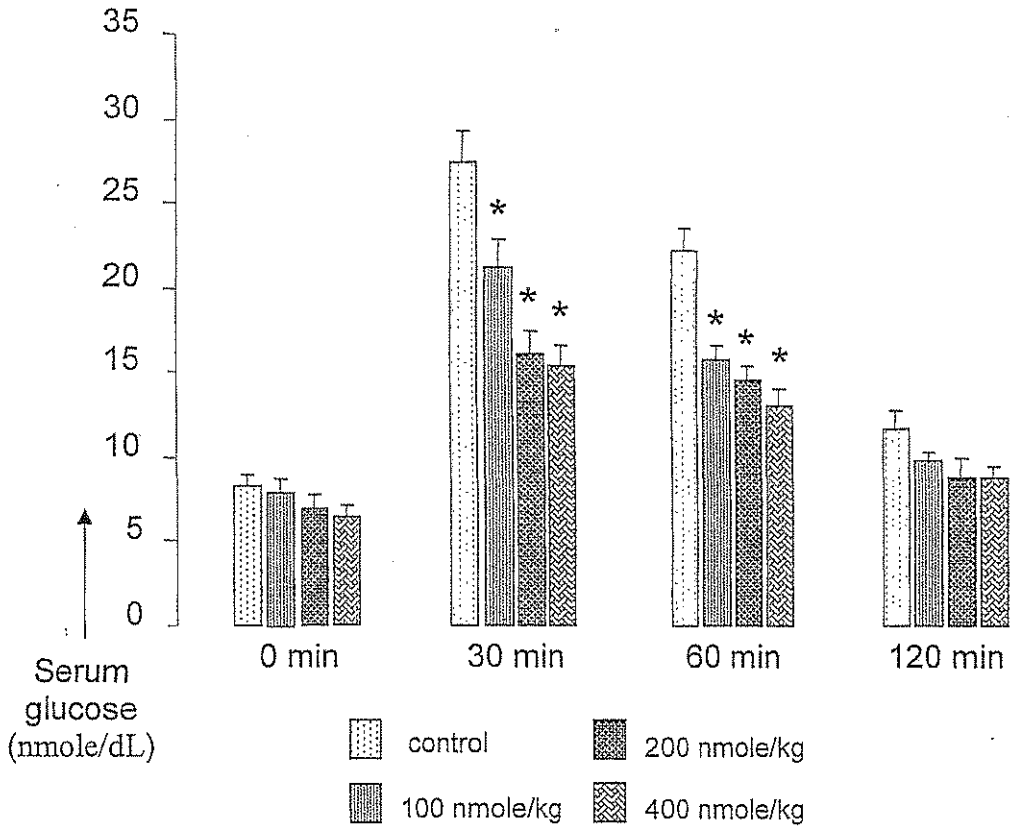

35
30
25
20
15
10
5
0
Serum glucose (nmole/dL)
0 min
30 min
60 min
120 min
*
control
100 nmole/kg
200 nmole/kg
400 nmole/kg

Figure 3

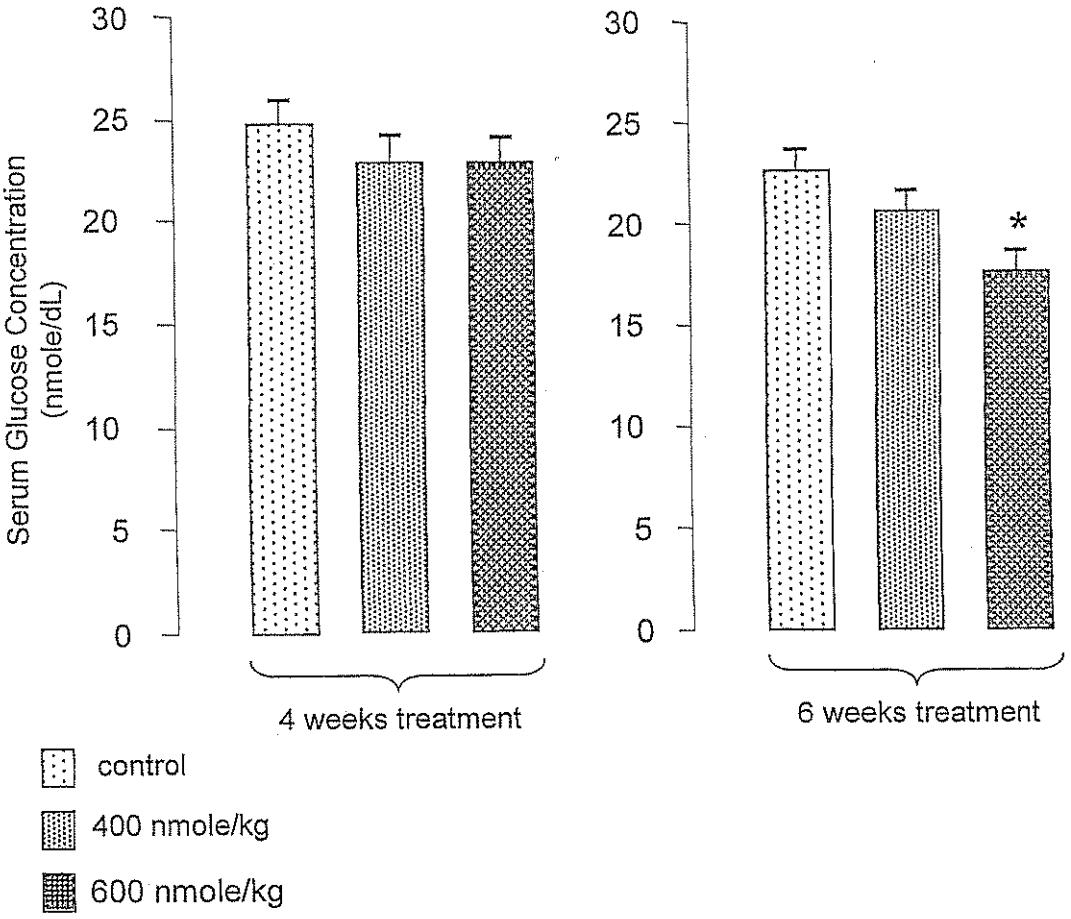

Serum Glucose Concentration (nmole/dL)
30
25
20
15
10
5
0
*
4 weeks treatment
6 weeks treatment
control
400 nmole/kg
600 nmole/kg

Figure 4

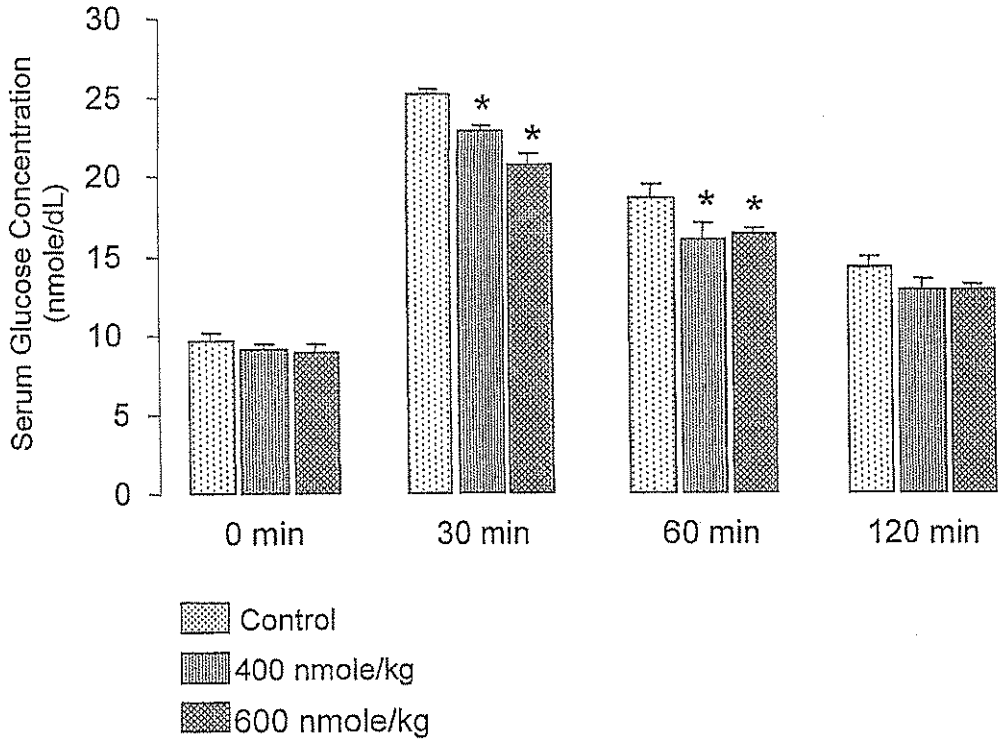
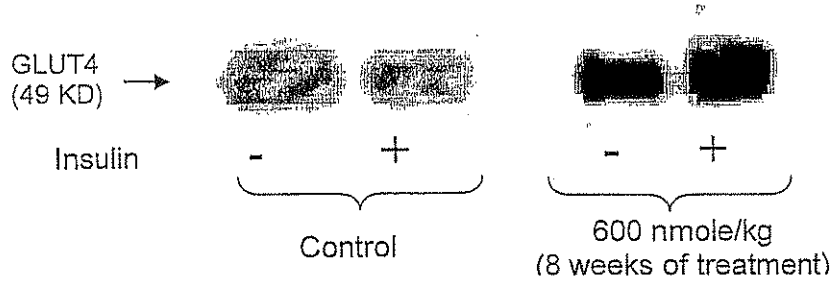

Serum Glucose Concentration (nmole/dL)
30
25
20
15
10
5
0
*
*
*
*
0 min
30 min
60 min
120 min
Control
400 nmole/kg
600 nmole/kg

Figure 5


GLUT4
(49 KD)
Insulin
-
+
-
+
Control
600 nmole/kg
(8 weeks of treatment)

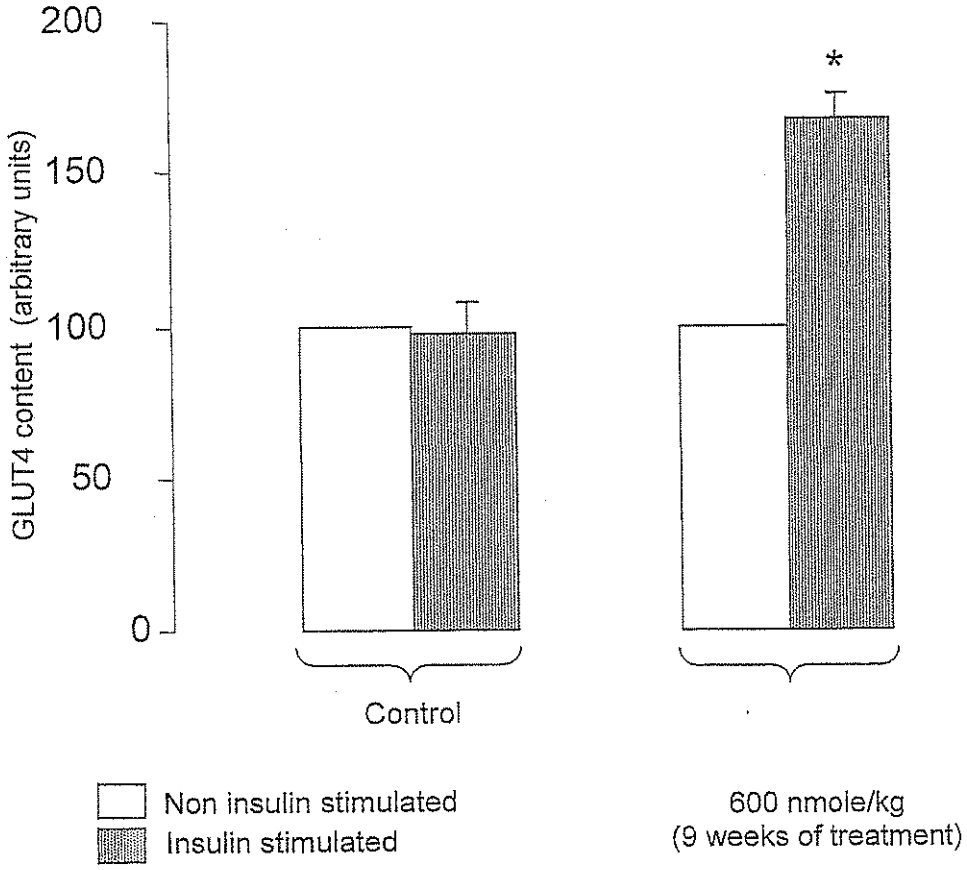
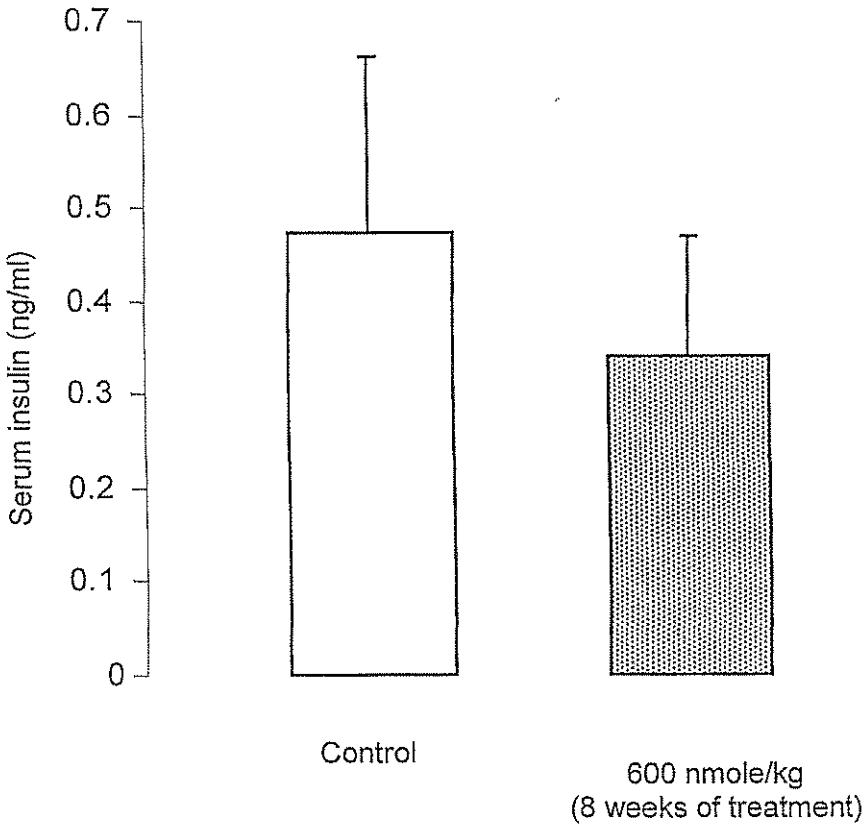

200
150
100
50
0
GLUT4 content (arbitrary units)
*
Control
Non insulin stimulated
Insulin stimulated
600 nmole/kg
(9 weeks of treatment)

Figure 6


0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Serum insulin (ng/ml)
Control
600 nmole/kg
(8 weeks of treatment)