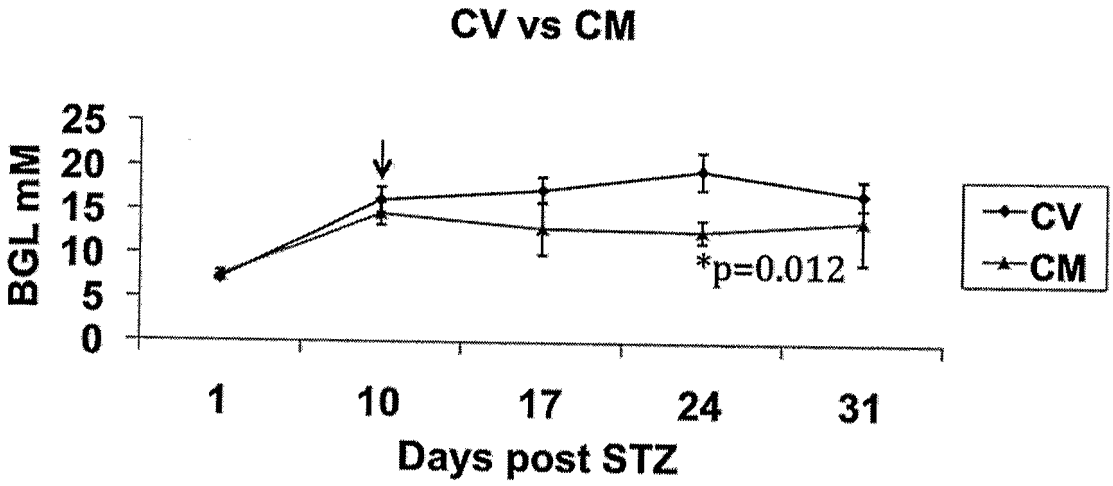

CV vs CM
BGL mM
25
20
15
10
5
0
1
10
17
24
31
Days post STZ
*p=0.012
CV
CM

FIGURE 1

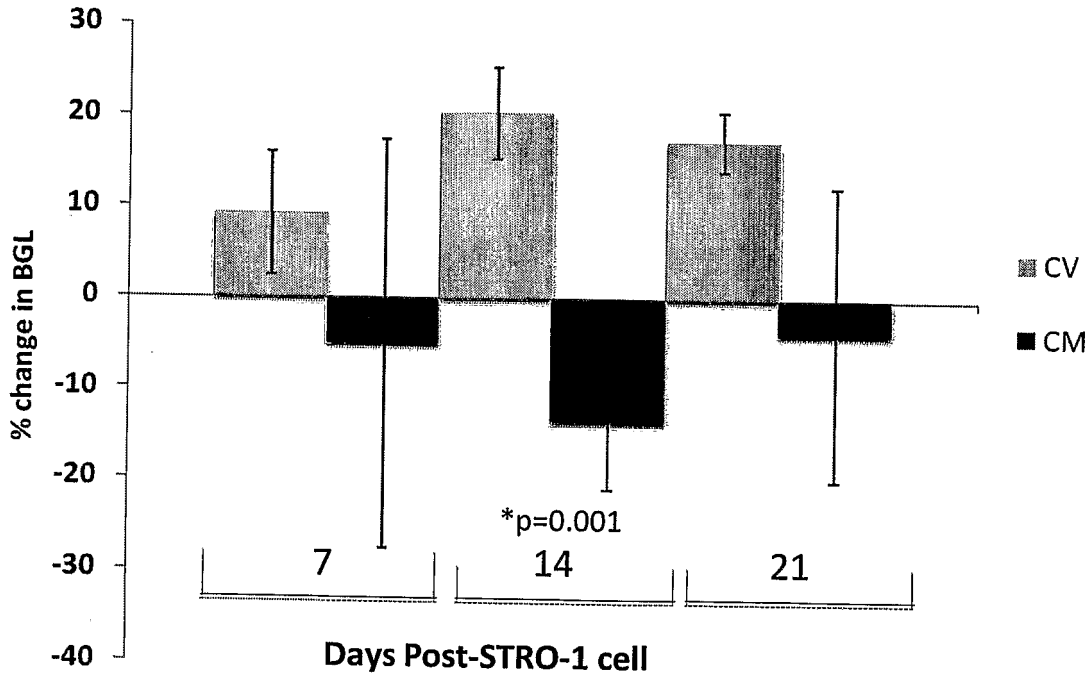

30
20
10
0
-10
-20
-30
-40
% change in BGL
*p=0.001
7
14
21
Days Post-STRO-1 cell
CV
CM

FIGURE 2

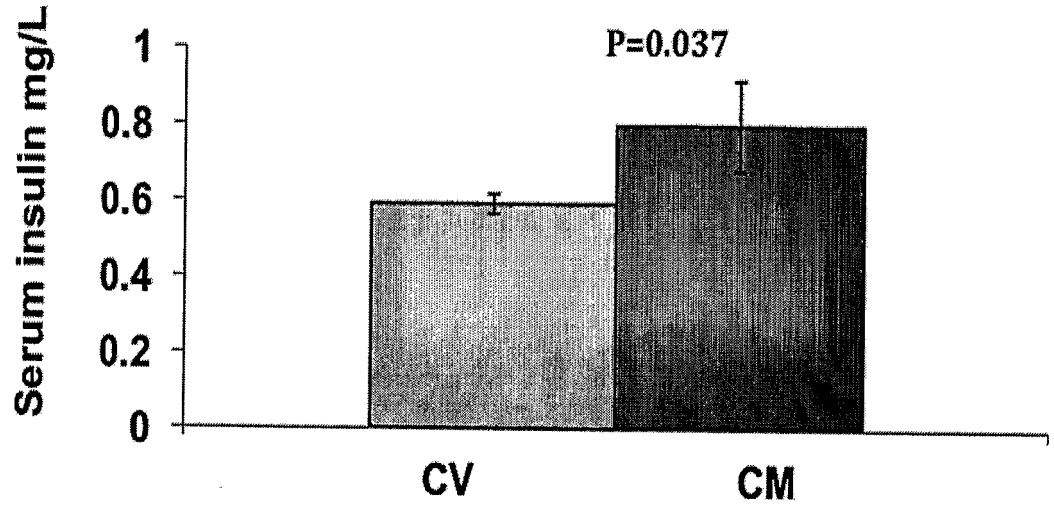


FIGURE 3

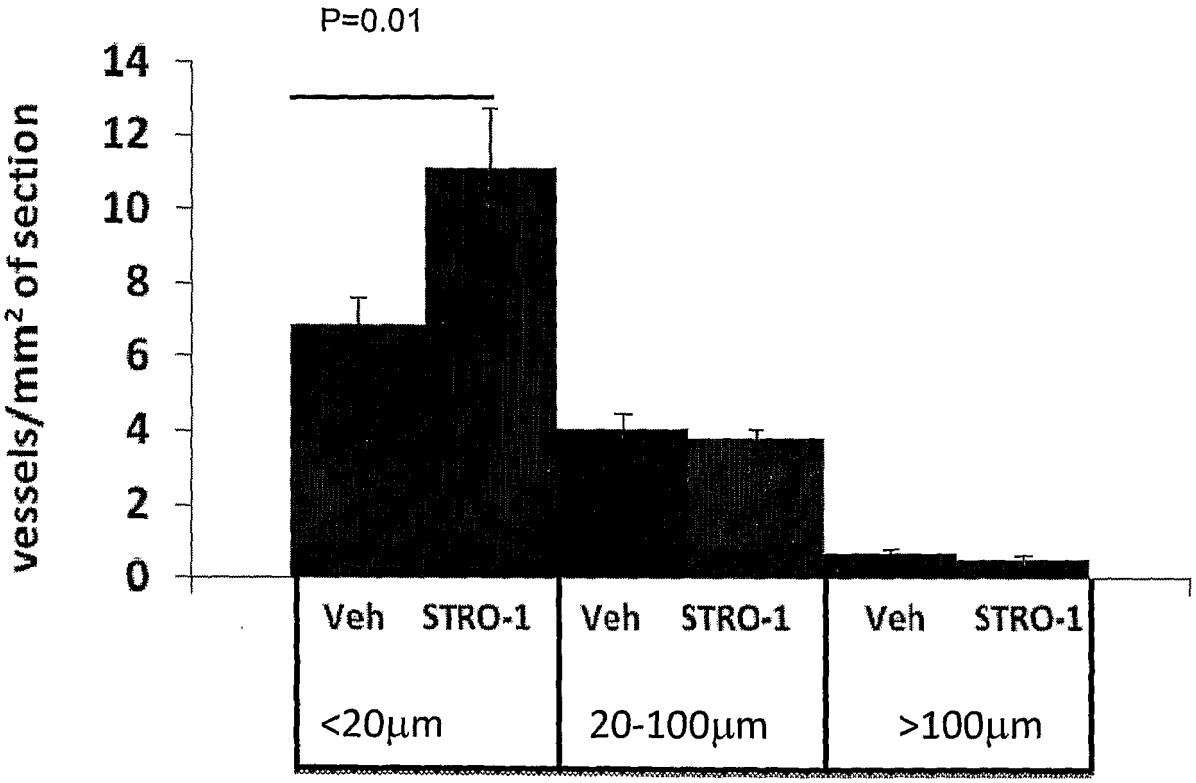

P=0.01
vessels/mm² of section
14
12
10
8
6
4
2
0
Veh
STRO-1
Veh
STRO-1
Veh
STRO-1
<20μm
20-100μm
>100μm

FIGURE 4A

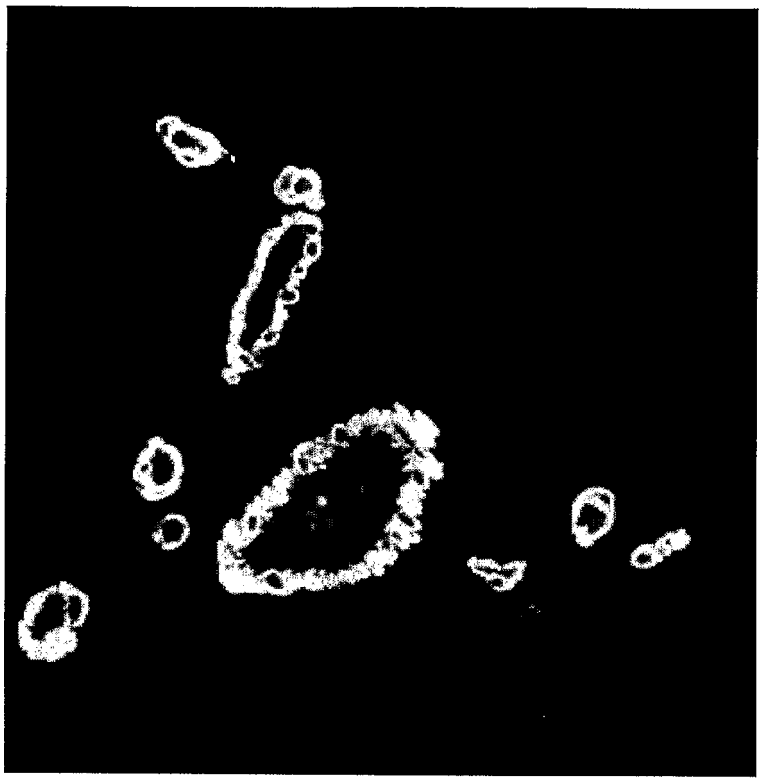
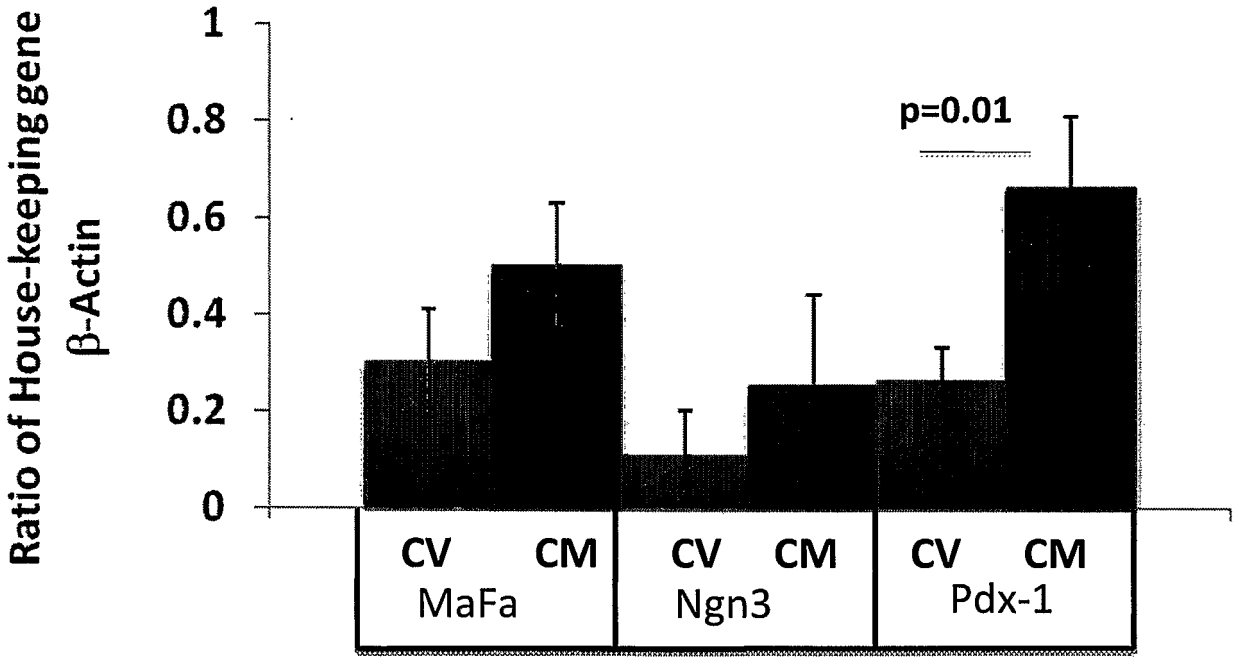


FIGURE 4B


Ratio of House-keeping gene
β-Actin
1
0.8
0.6
0.4
0.2
0
p=0.01
CV
CM
MaFa
CV
CM
Ngn3
CV
CM
Pdx-1

GURE 5A

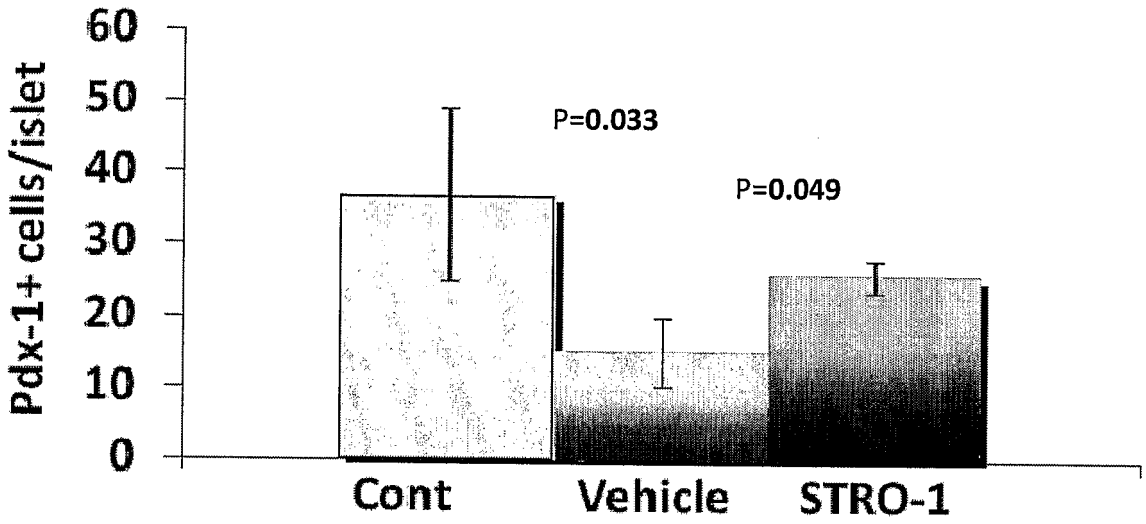

Pdx-1+ cells/islet
60
50
40
30
20
10
0
P=0.033
P=0.049
Cont
Vehicle
STRO-1

FIGURE 5B



FIGURE 5C

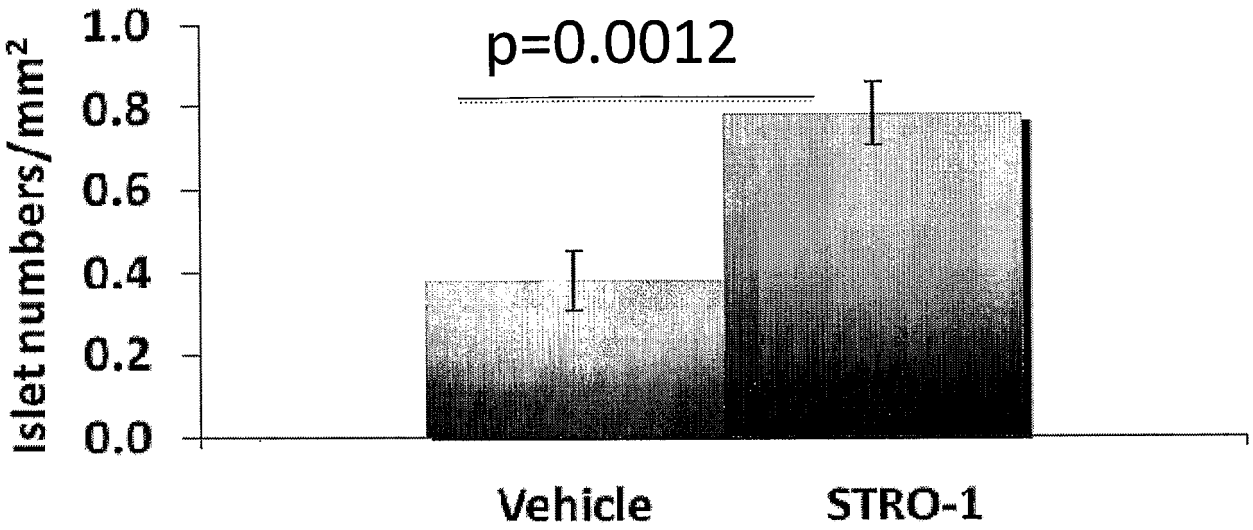


FIGURE 6A

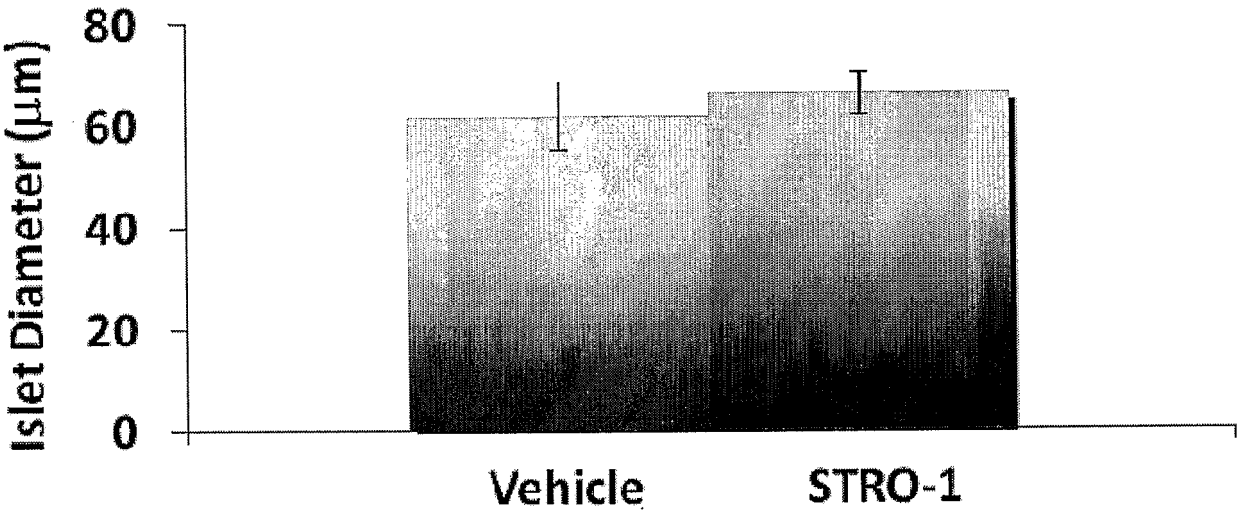


FIGURE 6B

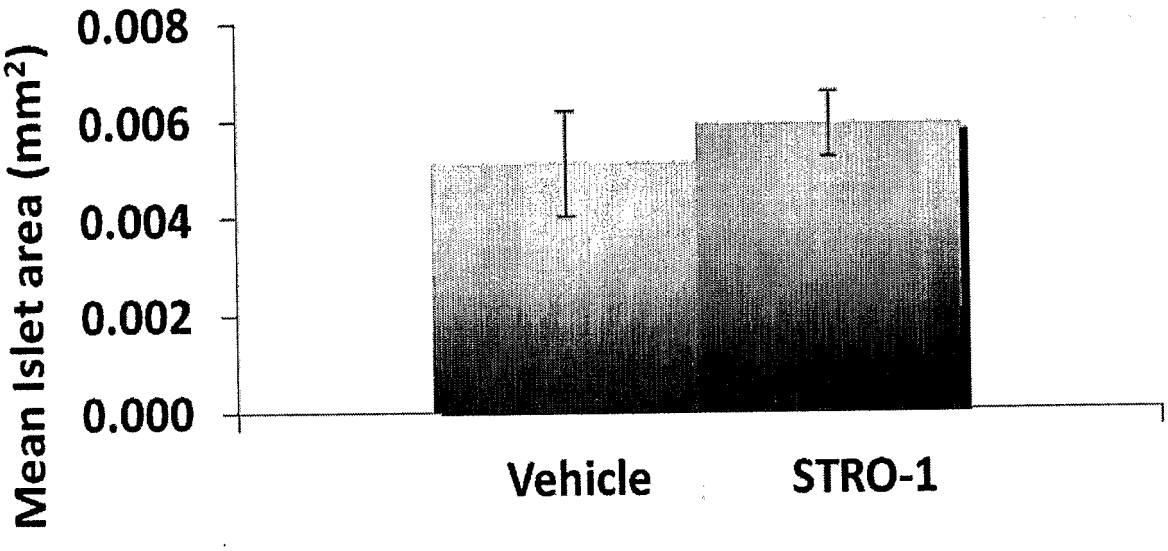


FIGURE 6C

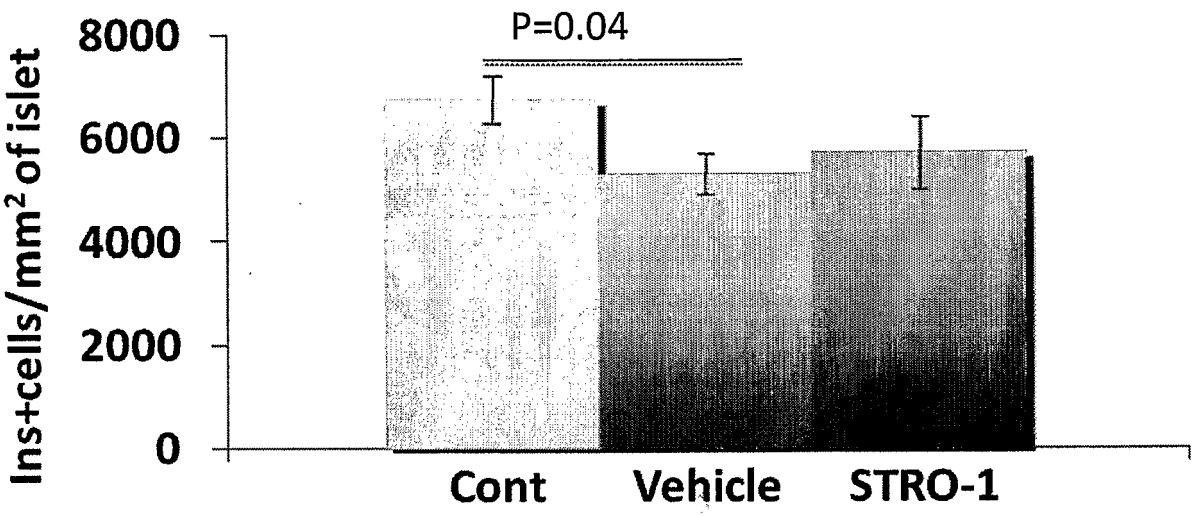
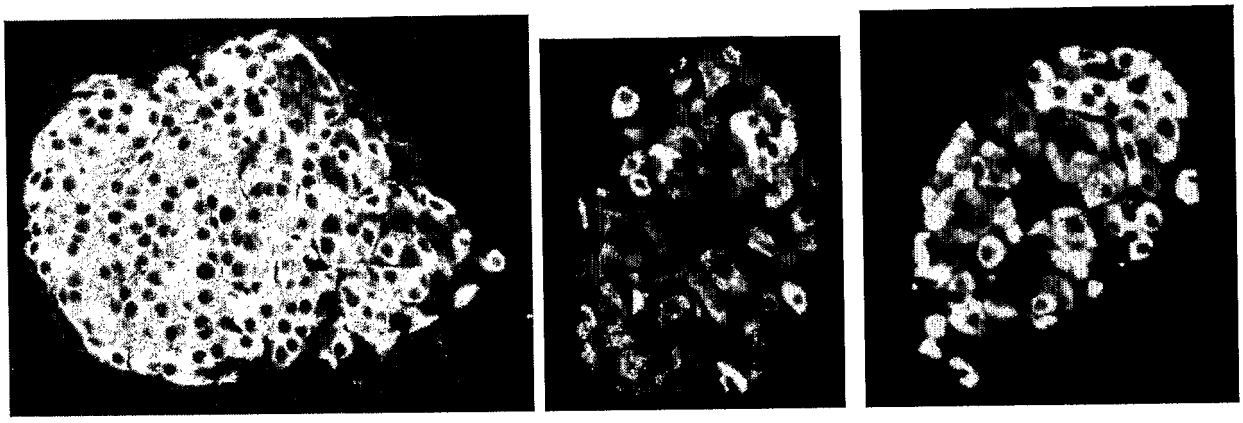

P=0.04
8000
6000
4000
2000
0
Ins+cells/mm2 of islet
Cont
Vehicle
STRO-1

FIGURE 7A



CONTROL VEHICLE STRO-1

FIGURE 7B

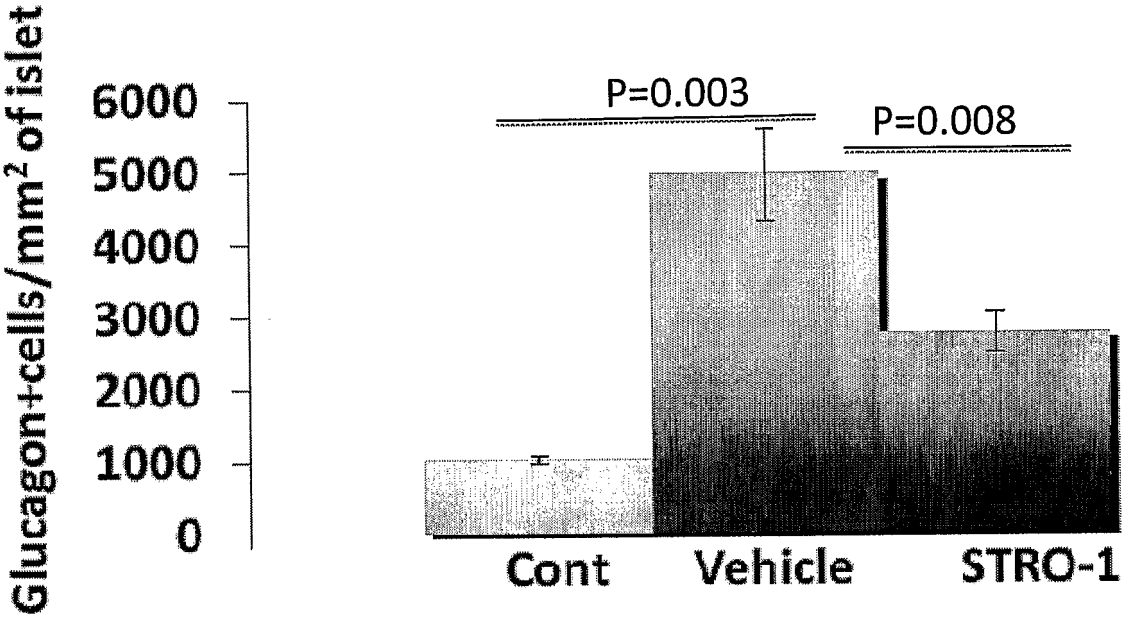

Glucagon+cells/mm2 of islet
6000
5000
4000
3000
2000
1000
0
P=0.003
P=0.008
Cont
Vehicle
STRO-1

FIGURE 7C

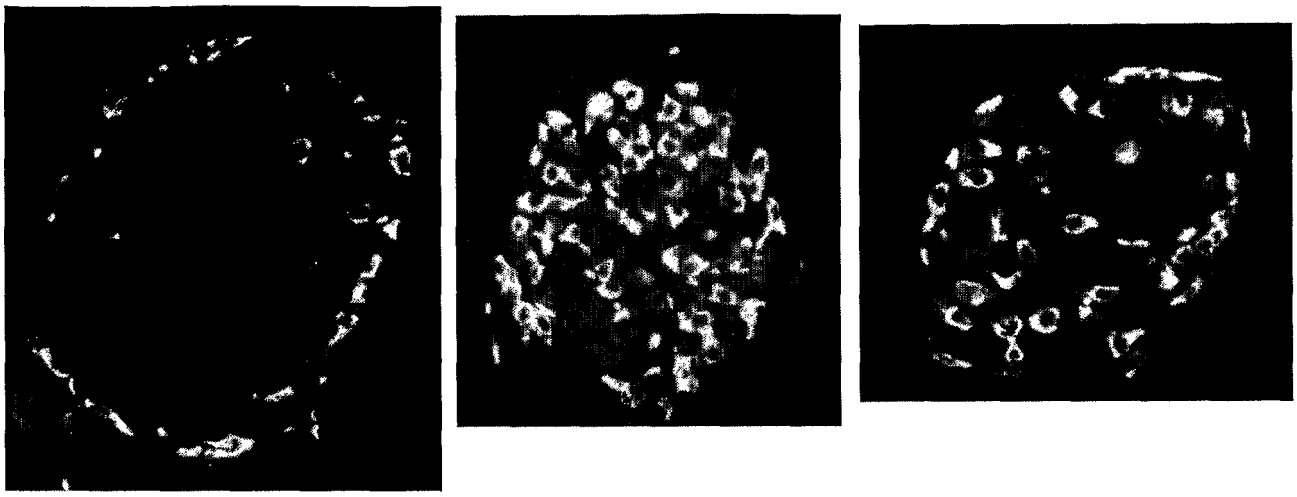


FIGURE 7D

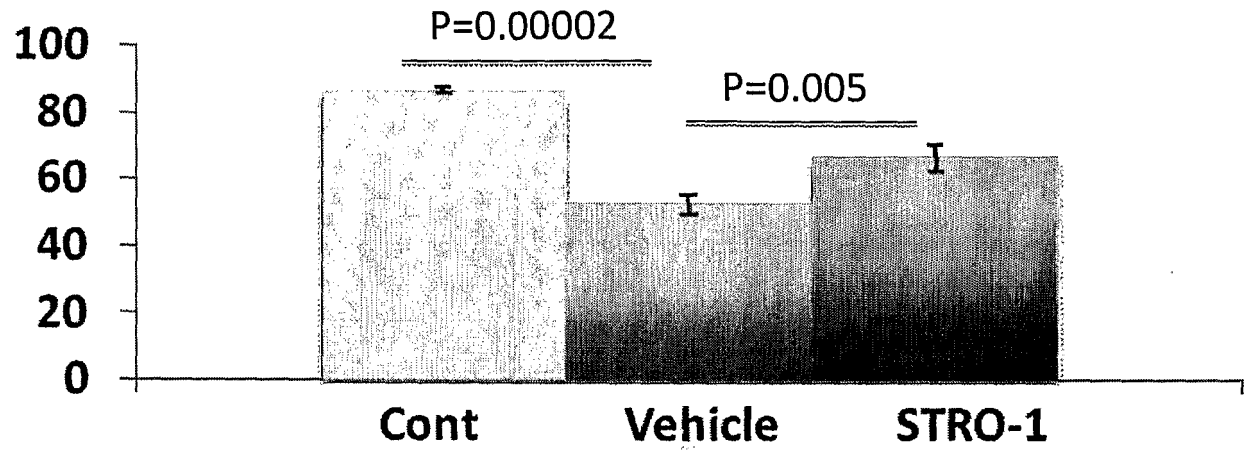


FIGURE 7E