FIG. 1

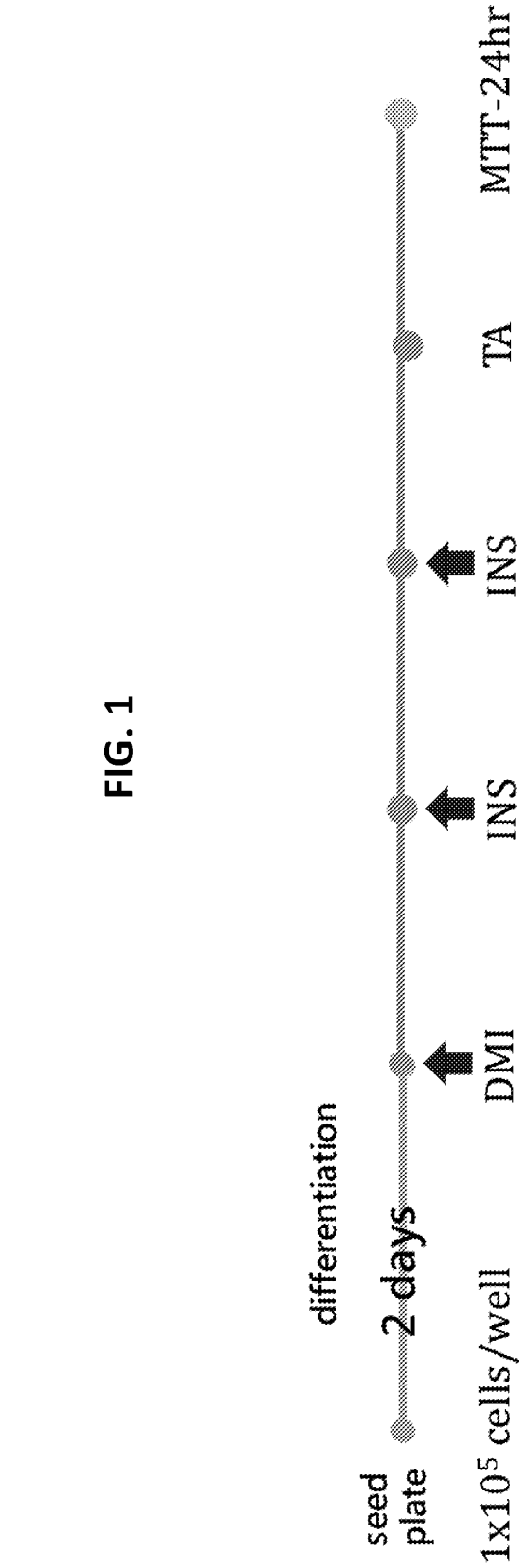

seed plate
1x10^5 cells/well
differentiation
2 days
DMI
INS
INS
TA
MTT-24hr

FIG. 2A

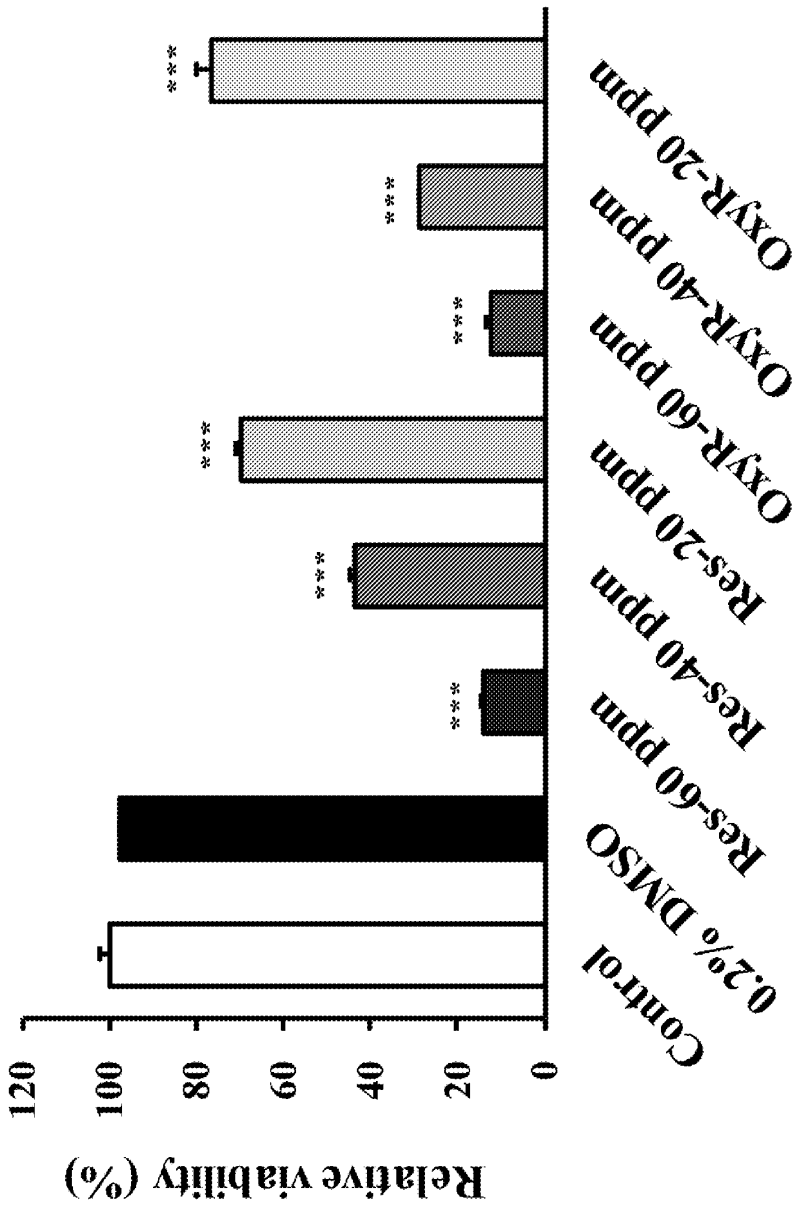

Relative viability (%)
120
100
80
60
40
20
0
Control
0.2% DMSO
Res-60 ppm
Res-40 ppm
Res-20 ppm
OxyR-60 ppm
OxyR-40 ppm
OxyR-20 ppm
***

FIG. 2B

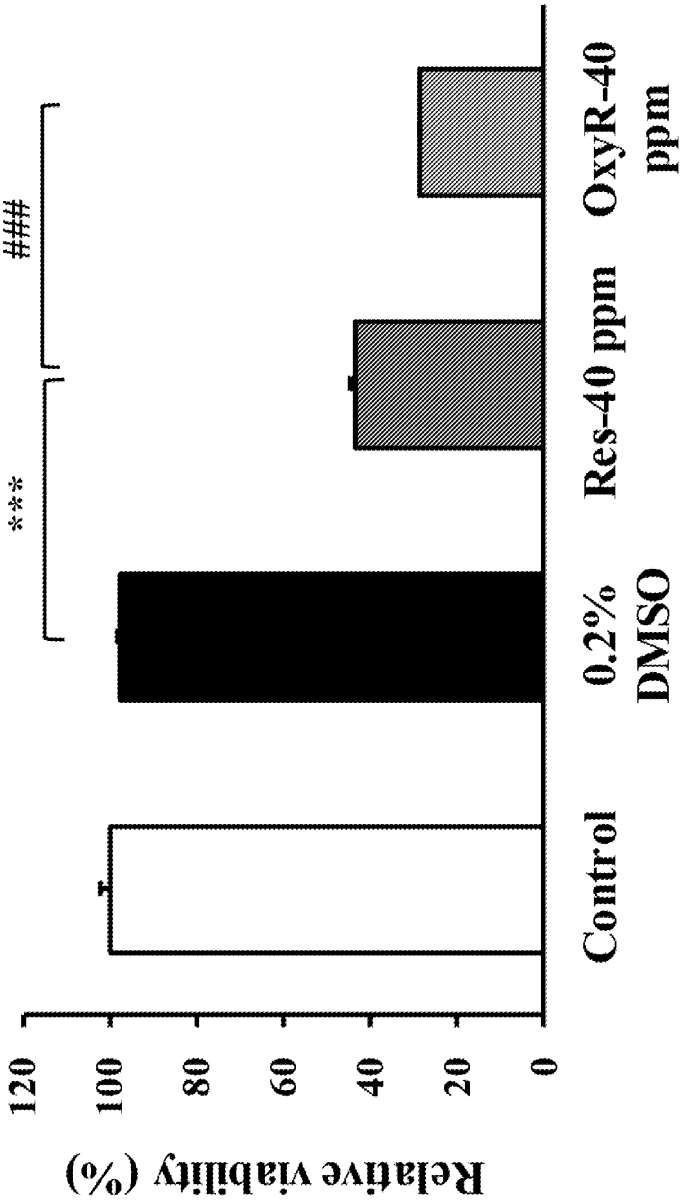
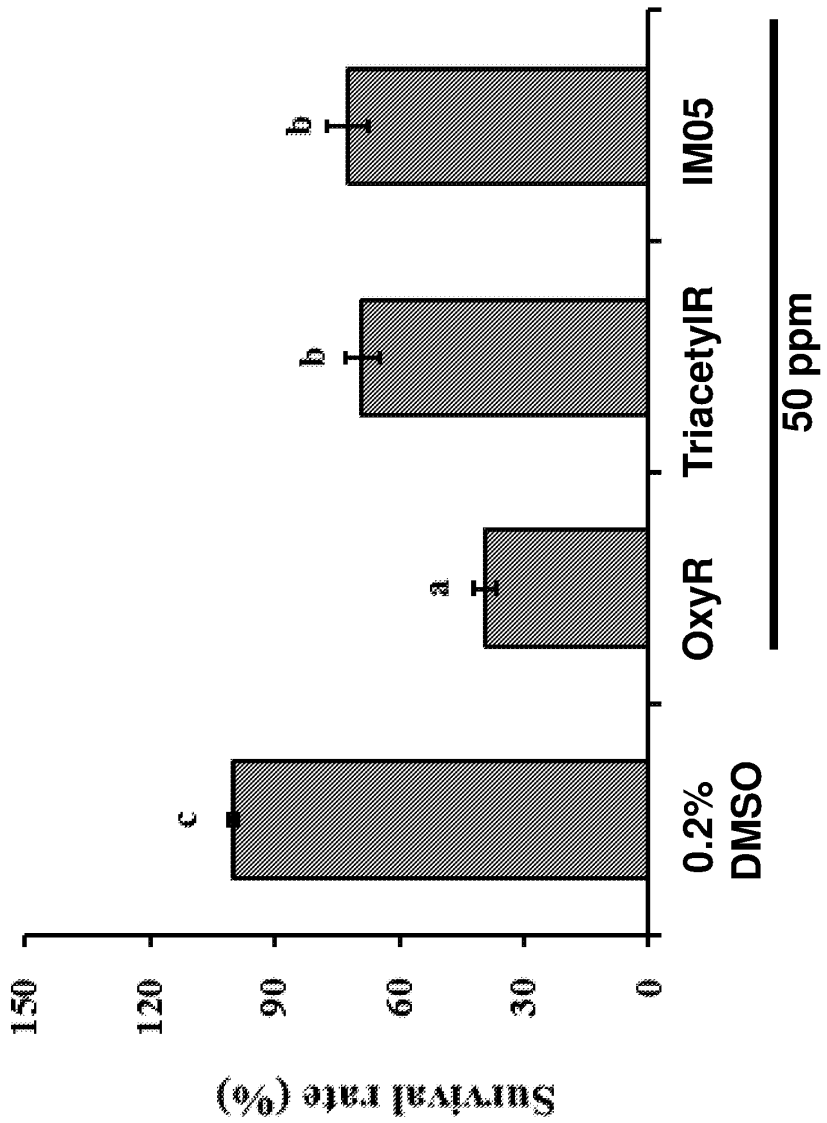

Relative viability (%)
120
100
80
60
40
20
0
***
***
###
Control
0.2% DMSO
Res-40 ppm
OxyR-40 ppm

FIG. 3


Survival rate (%)
150
120
90
60
30
0
c
a
b
b
0.2% DMSO
OxyR
TriacetylR
IM05
50 ppm