Figure 1

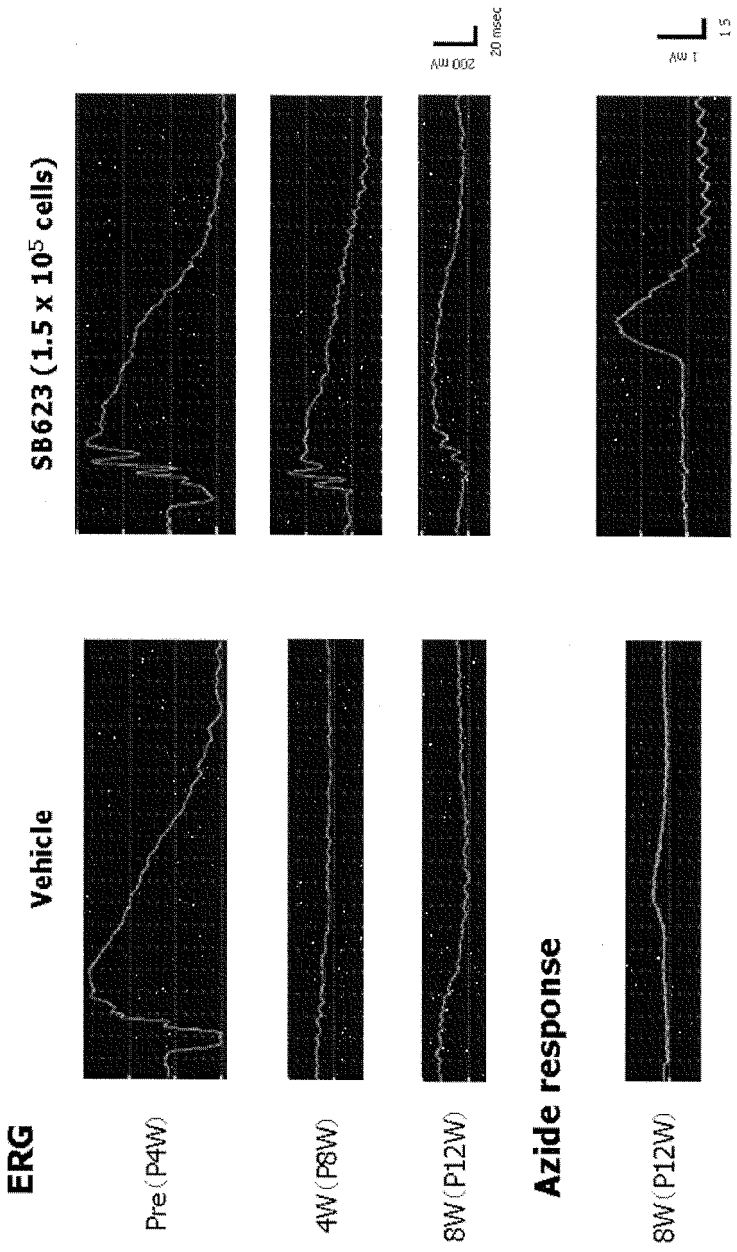

ERG
Vehicle
SB623 (1.5 x 10^5 cells)
Pre (P4W)
4W (P8W)
8W (P12W)
200 mV
20 msec
Azide response
8W (P12W)
1 mV
1 s

Figure 2

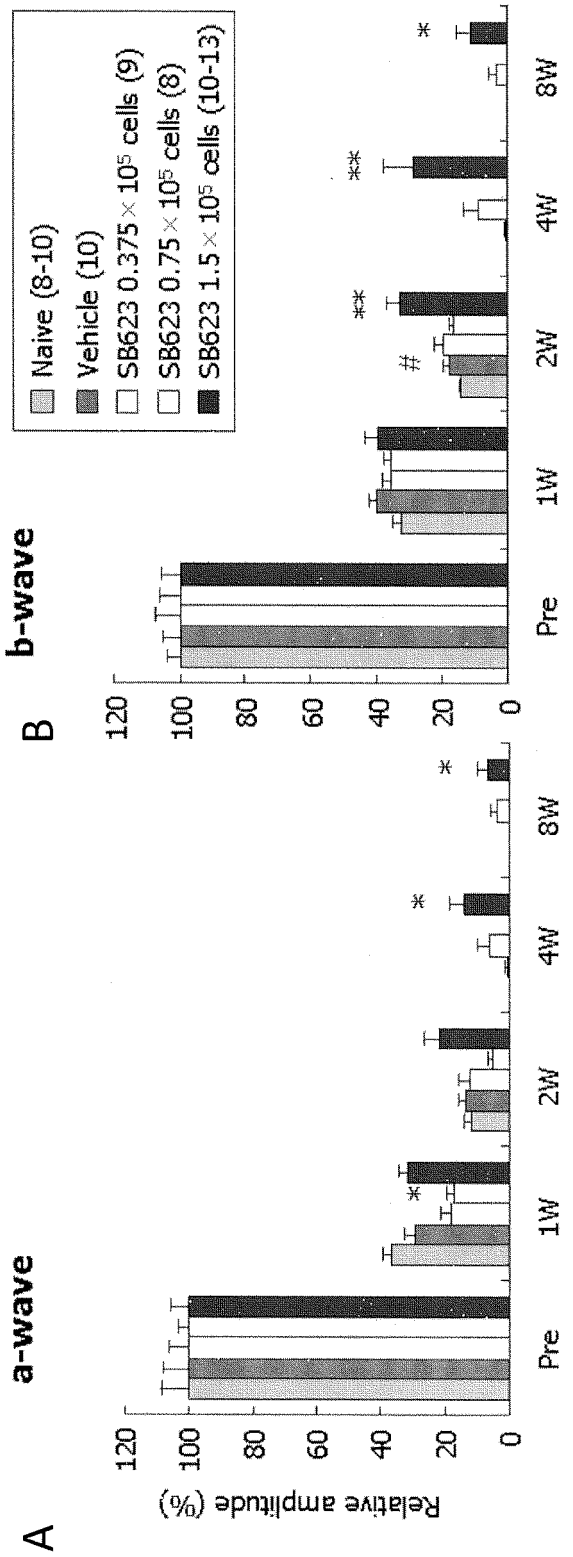

A
a-wave
B
b-wave
Relative amplitude (%)
120
100
80
60
40
20
0
Pre
1W
2W
4W
8W
Naive (8-10)
Vehicle (10)
SB623 0.375 × 10^5 cells (9)
SB623 0.75 × 10^5 cells (8)
SB623 1.5 × 10^5 cells (10-13)
*
**
#

Figure 3

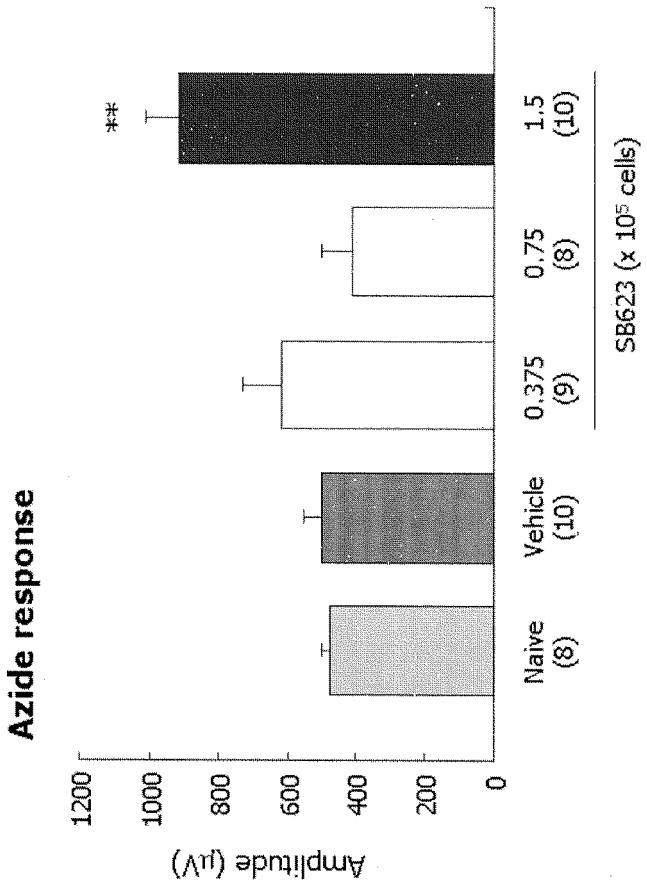

Azide response
Amplitude (μV)
1200
1000
800
600
400
200
0
**
Naive (8)
Vehicle (10)
0.375 (9)
0.75 (8)
1.5 (10)
SB623 (x 10^5 cells)

Figure 4

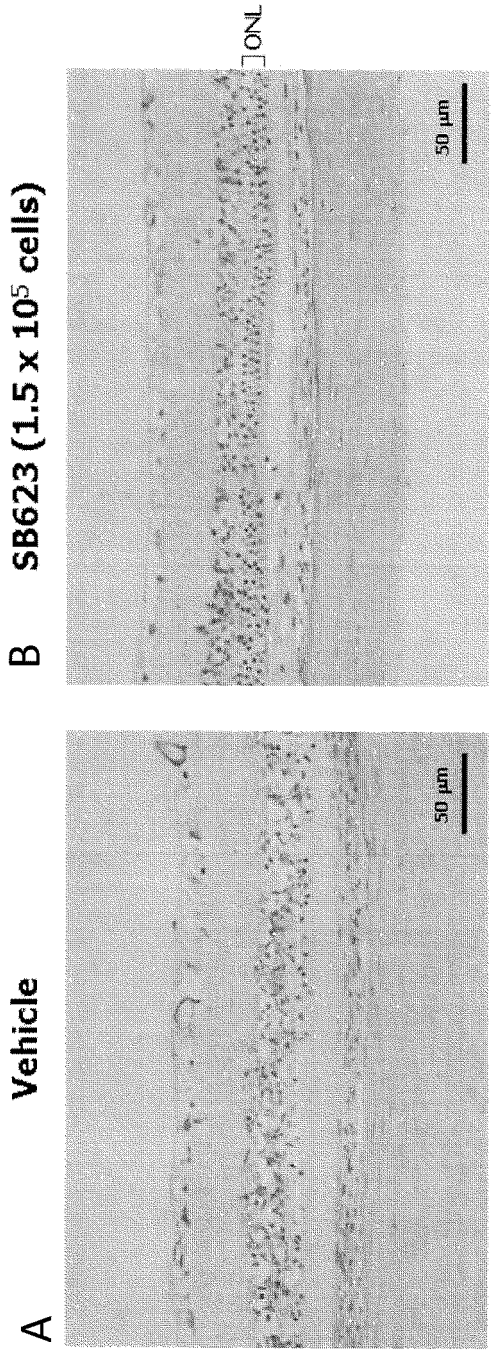
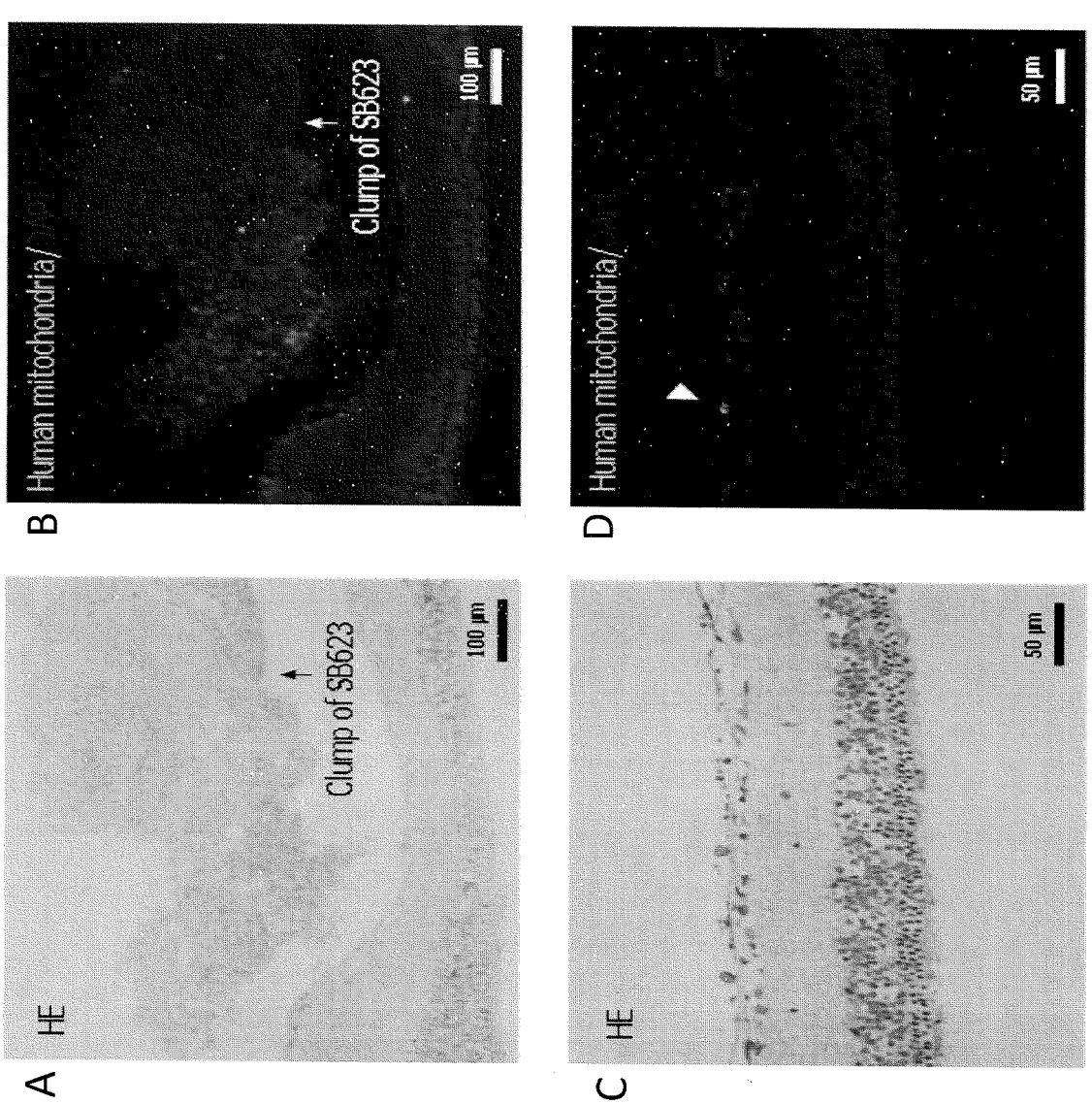


Figure 5


A HE
Clump of SB623
100 μm
B Human mitochondria/
Clump of SB623
100 μm
C HE
50 μm
D Human mitochondria/
50 μm

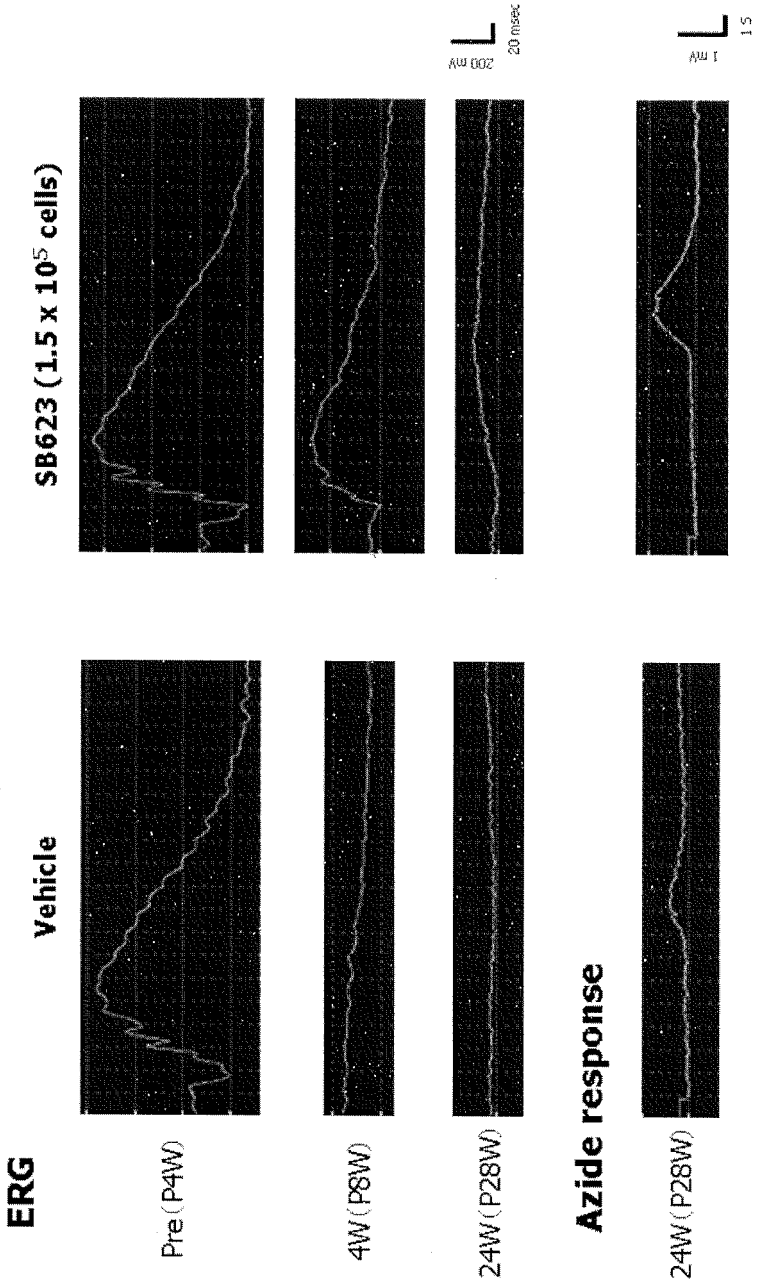

ERG
Vehicle
SB623 (1.5 x 10^5 cells)
Pre (P4W)
4W (P8W)
24W (P28W)
200 mV
20 msec
Azide response
24W (P28W)
1 mV
1 s

Figure 6

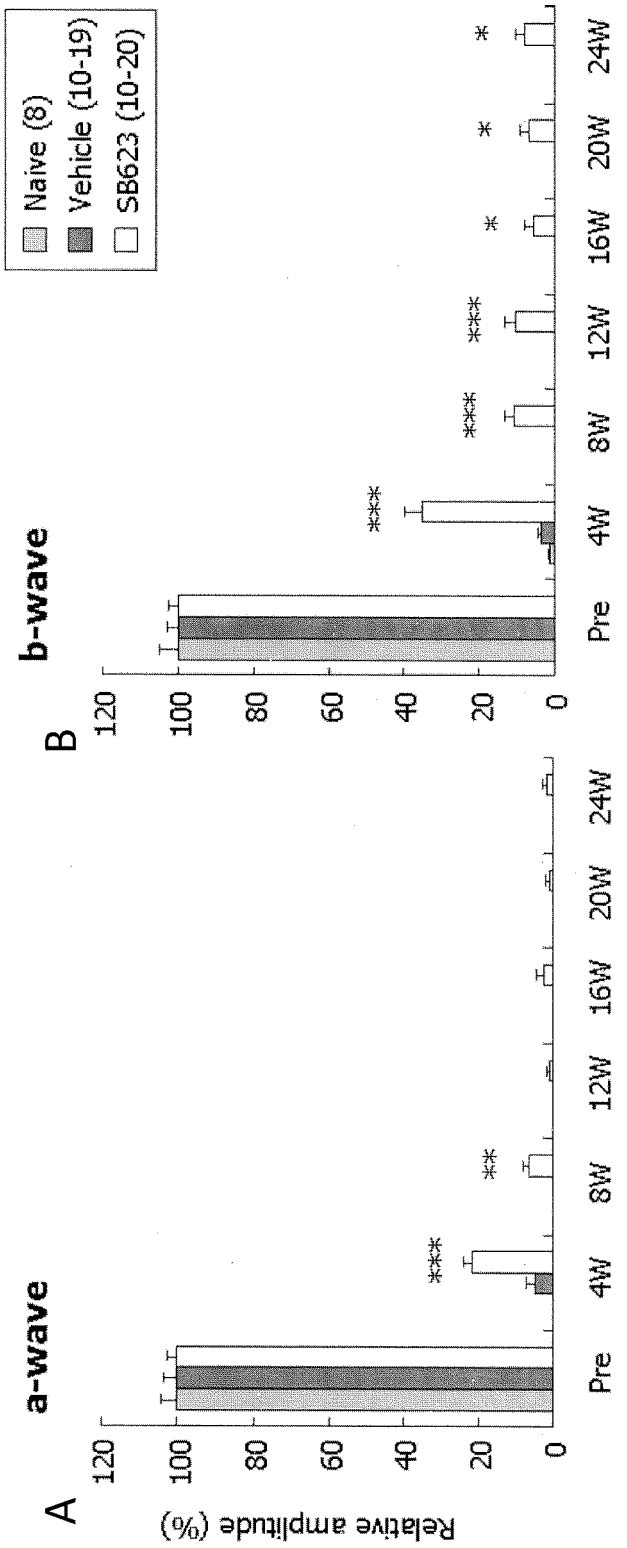

A
a-wave
B
b-wave
Relative amplitude (%)
120
100
80
60
40
20
0
Pre
4W
8W
12W
16W
20W
24W
Naive (8)
Vehicle (10-19)
SB623 (10-20)
***
**
*

Figure 7

Figure 8

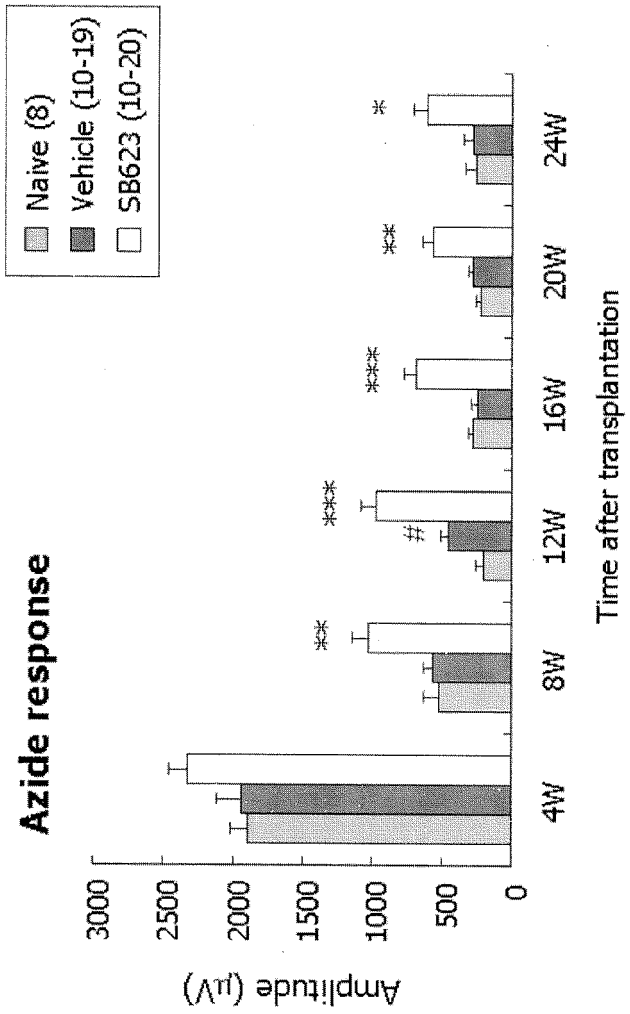
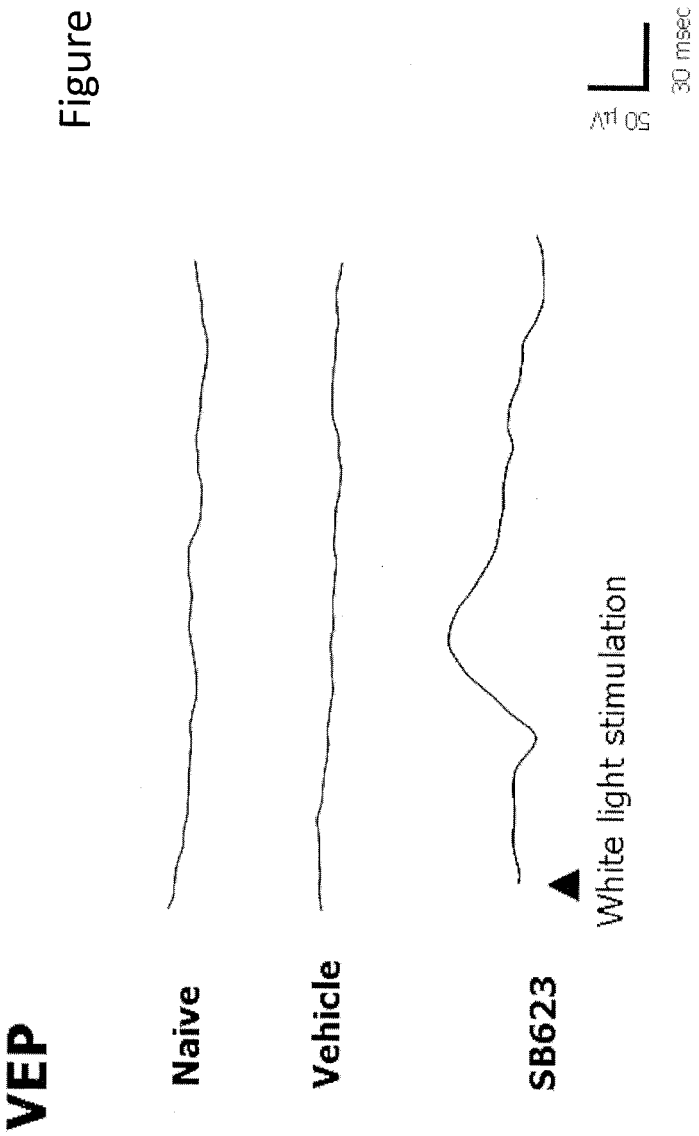

Azide response
Naive (8)
Vehicle (10-19)
SB623 (10-20)
Amplitude (μV)
3000
2500
2000
1500
1000
500
0
4W
8W
12W
16W
20W
24W
Time after transplantation
**
***
#
***
**
*

Figure 9


VEP
Naive
Vehicle
SB623
White light stimulation
50 μV
30 msec

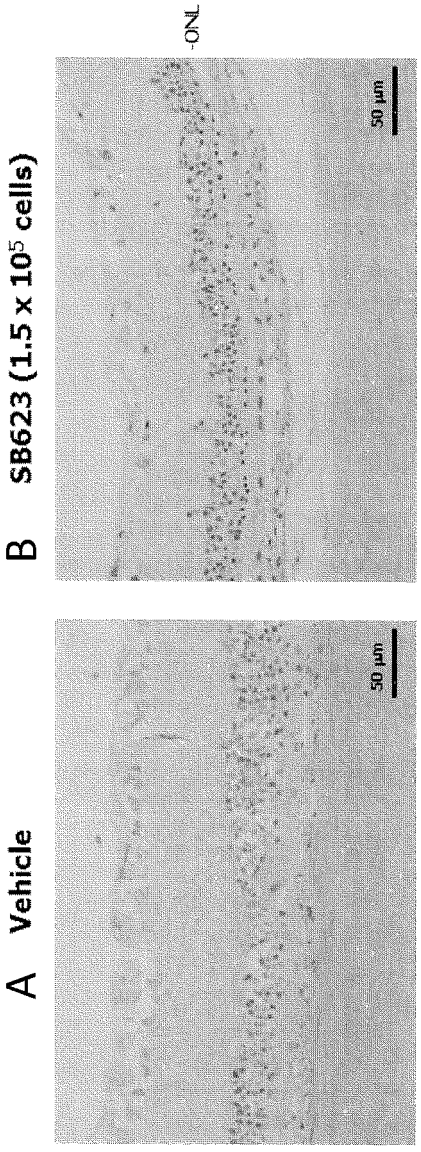


Figure 10

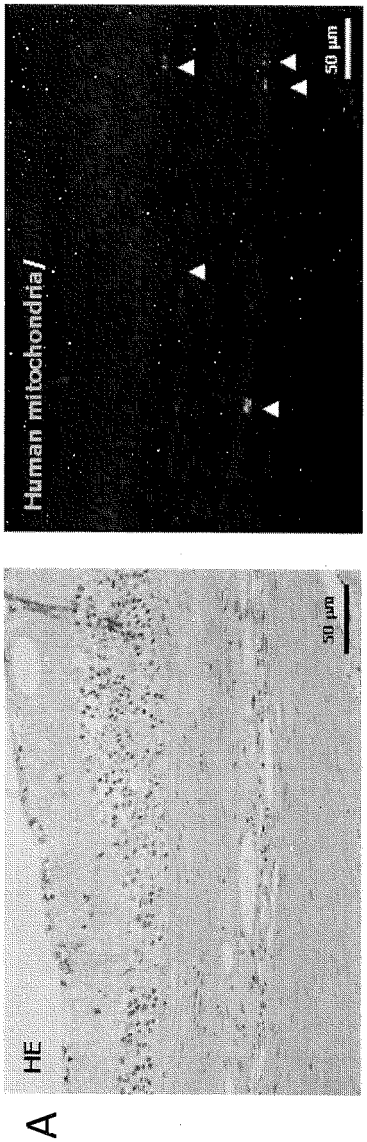


Figure 11