

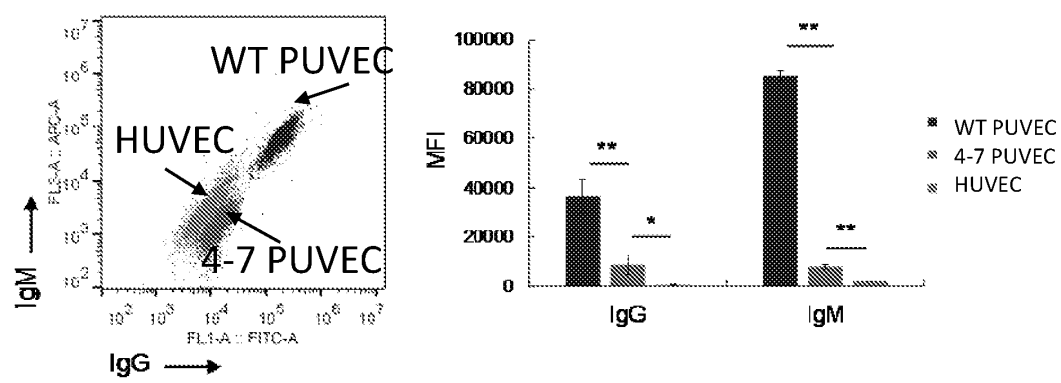


FIGURE 1

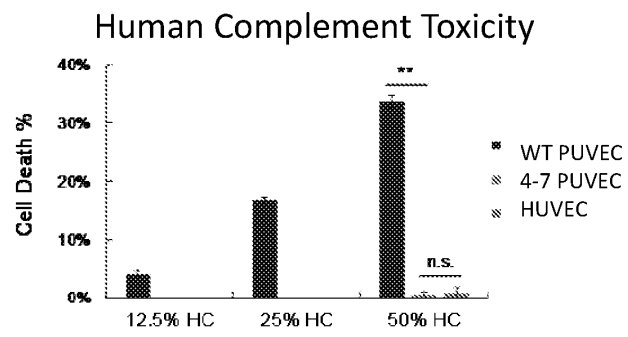
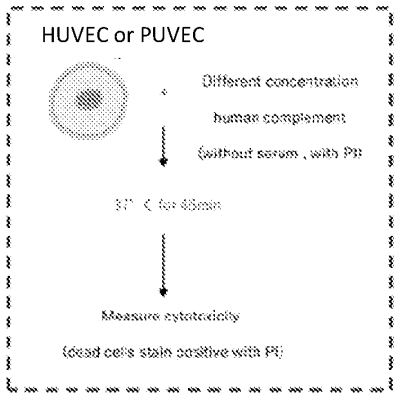


FIGURE 2

ADPase Activity Measured by Hydrolysis of ADP

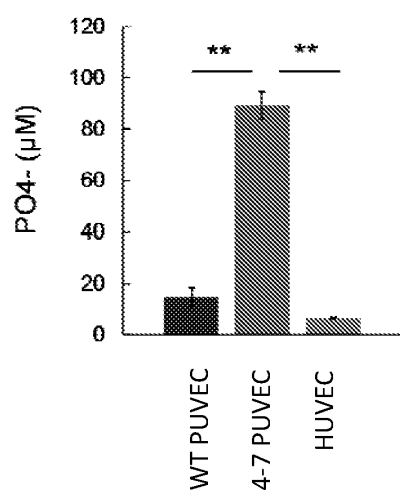


FIGURE 3

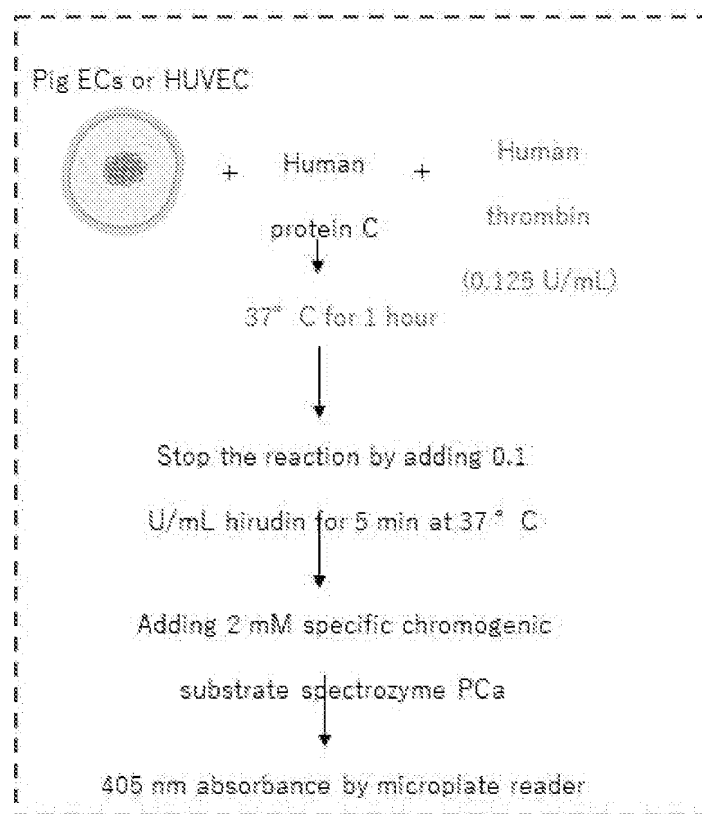


FIGURE 4

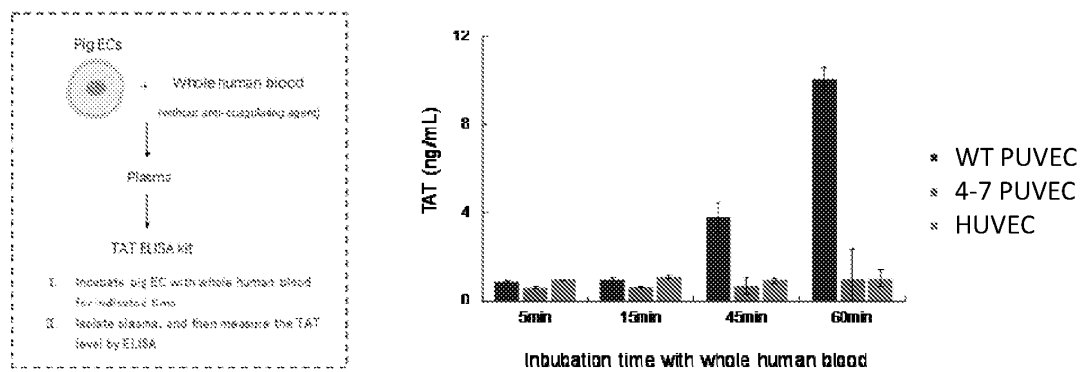


FIGURE 5

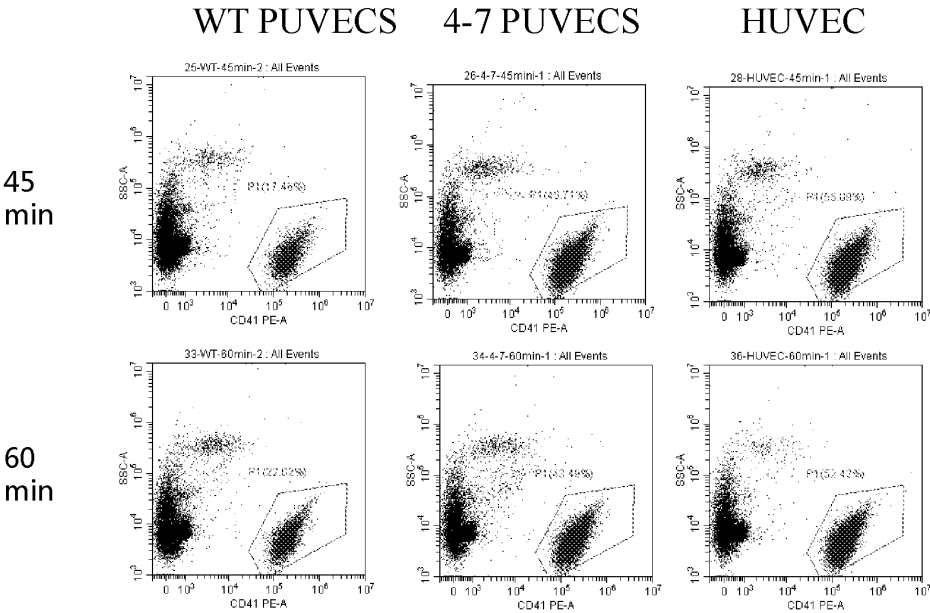


FIGURE 6

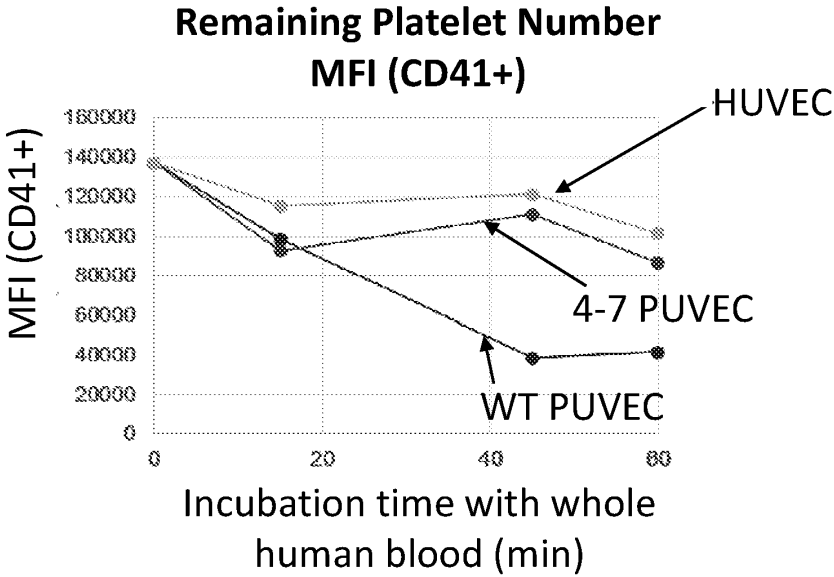


FIGURE 7

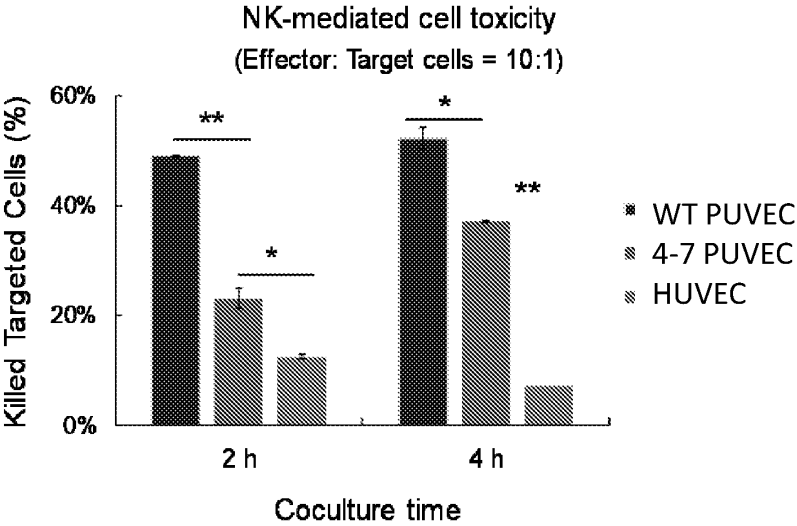


FIGURE 8

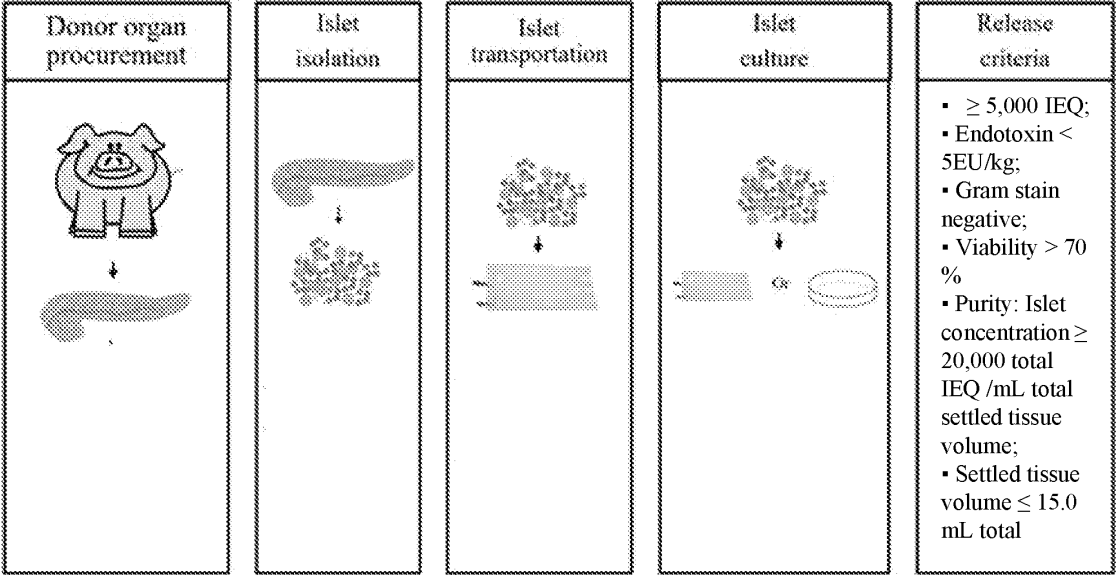


FIGURE 9

Animal	Pig Strain	Ages	Body weight(g)	Pancreas weight(g)	IEQ(D1)
WT-39	Bama minipig	About 24h	744	0.84	17716.7
	WT				
WT-40	Bama minipig	About 24h	625	0.70	24587.2
	TG				
4-7 -3	Bama minipig	Newborn	635	1.07	10849.5
	TG				
4-7 -4	Bama minipig	Newborn	675	0.99	11512.6
	TG				

FIGURE 10

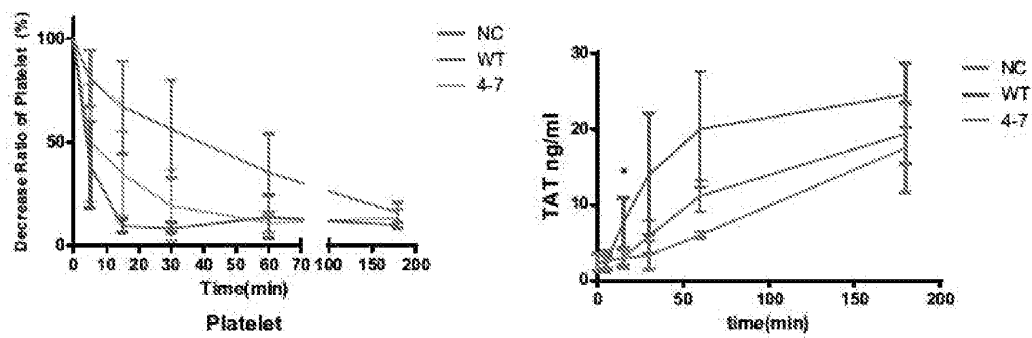


FIGURE 11

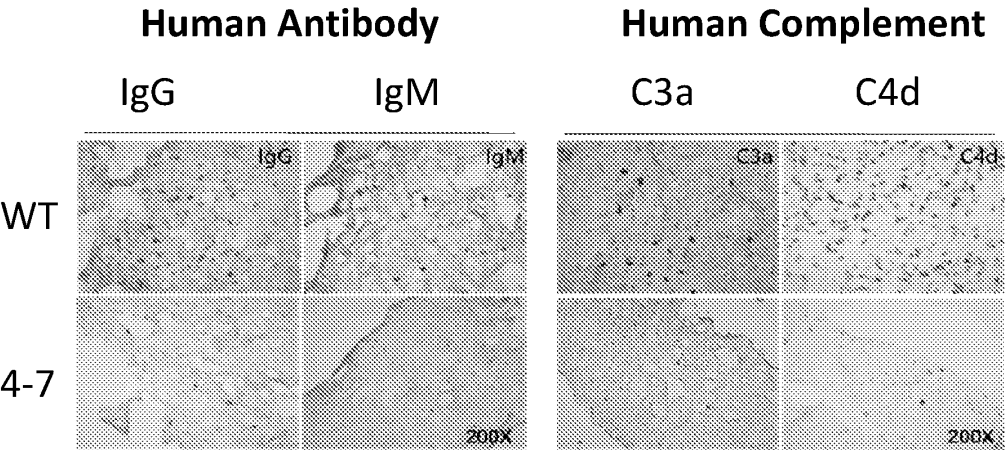
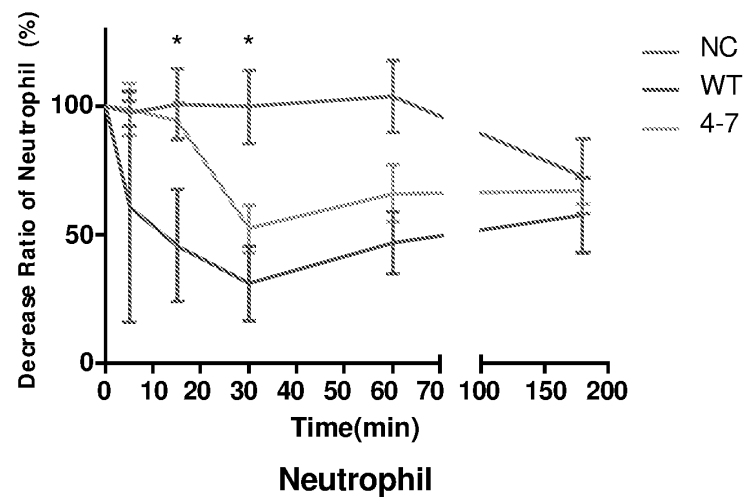


FIGURE 12



Decreased human neutrophils in 4-7

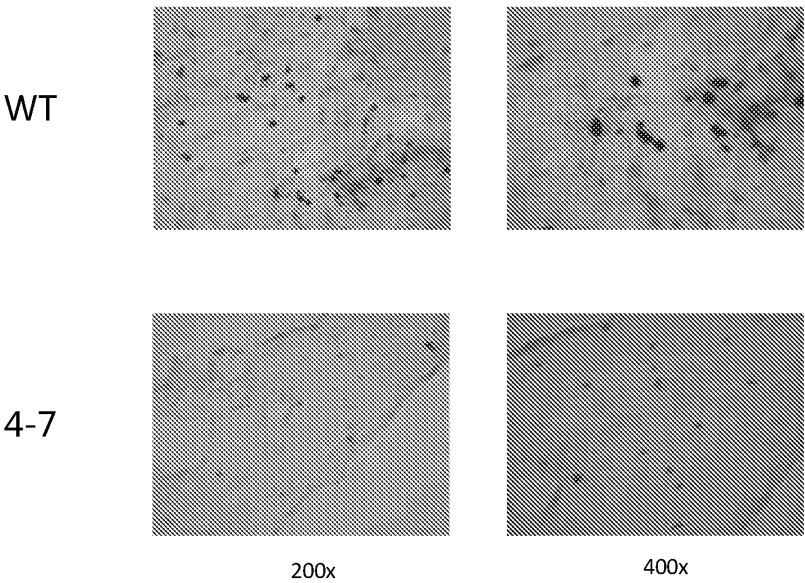
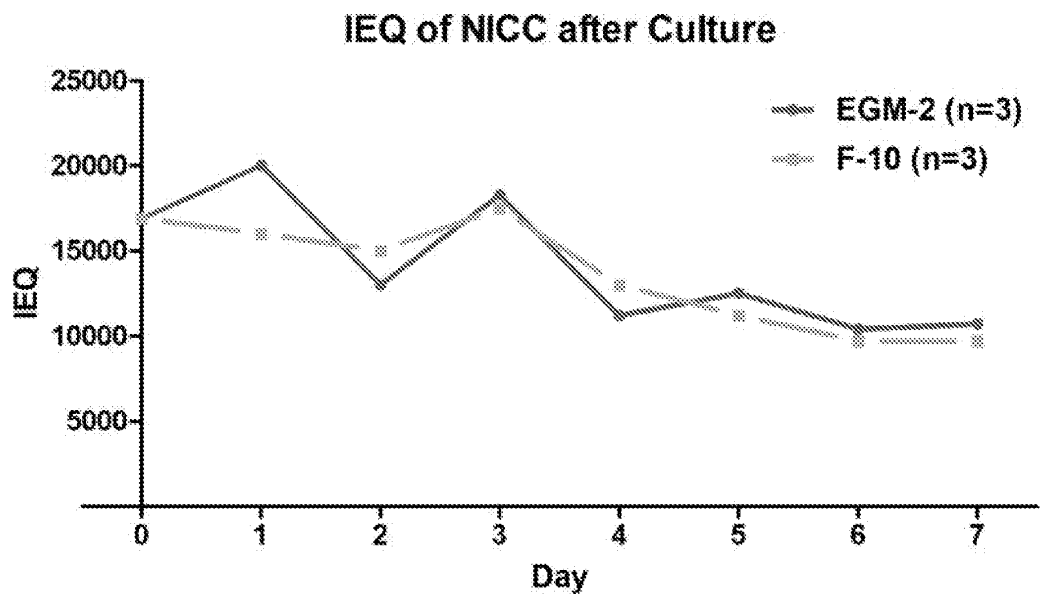


FIGURE 13

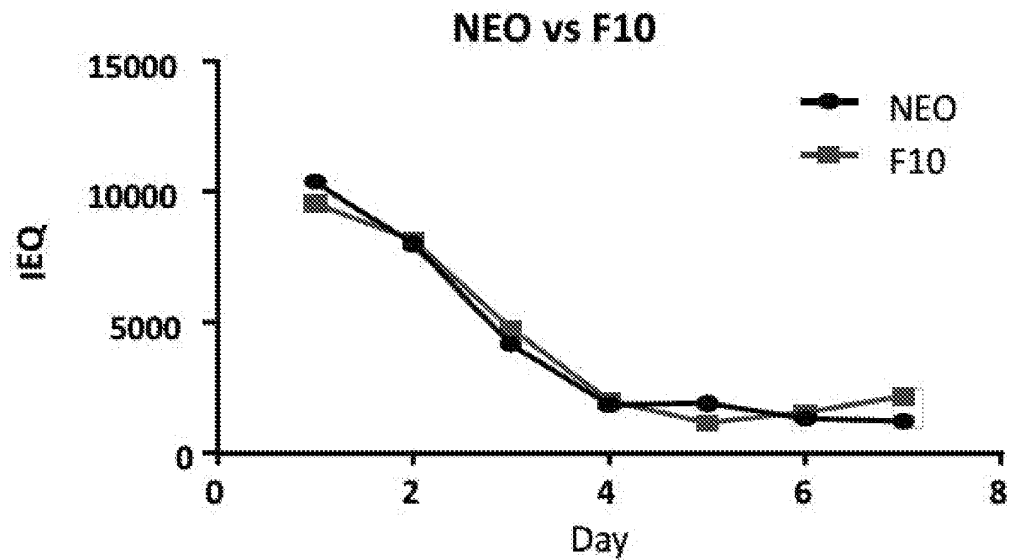


IEQ after 7 days culture

EGM-2 10700 (63.3%)

F10 : 9700 (57.4%)

FIGURE 14

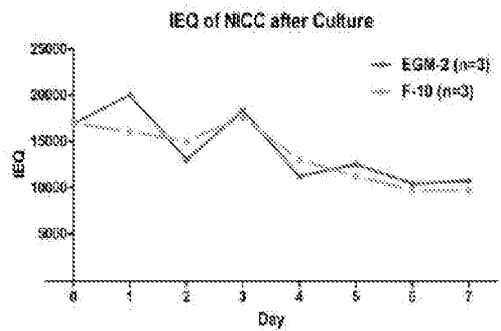


IEQ after 7 days culture

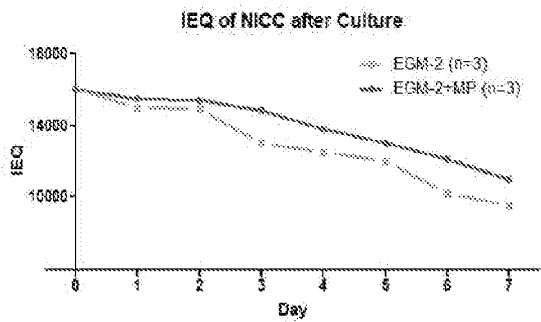
NEO: 1234 (11.89%)

F10: 2154 (22.53%)

FIGURE 15

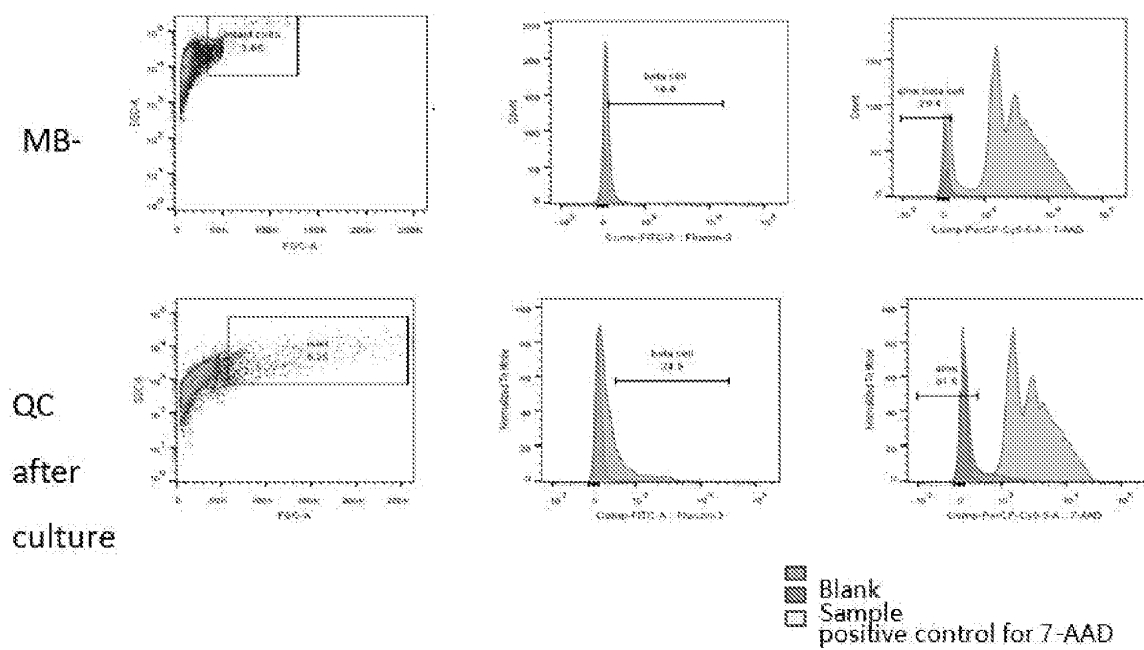


By day 7, the IEQ of each group were:
Group 1 (EGM-2+1uM MP): 63.3%
Group 2 (F-10): 57.4%



By day 7, the IEQ of each group were:
Group 1 (EGM-2+1uM MP): 68.7%
Group 2 (EGM-2): 59.4%

FIGURE 16

**FIGURE 17**

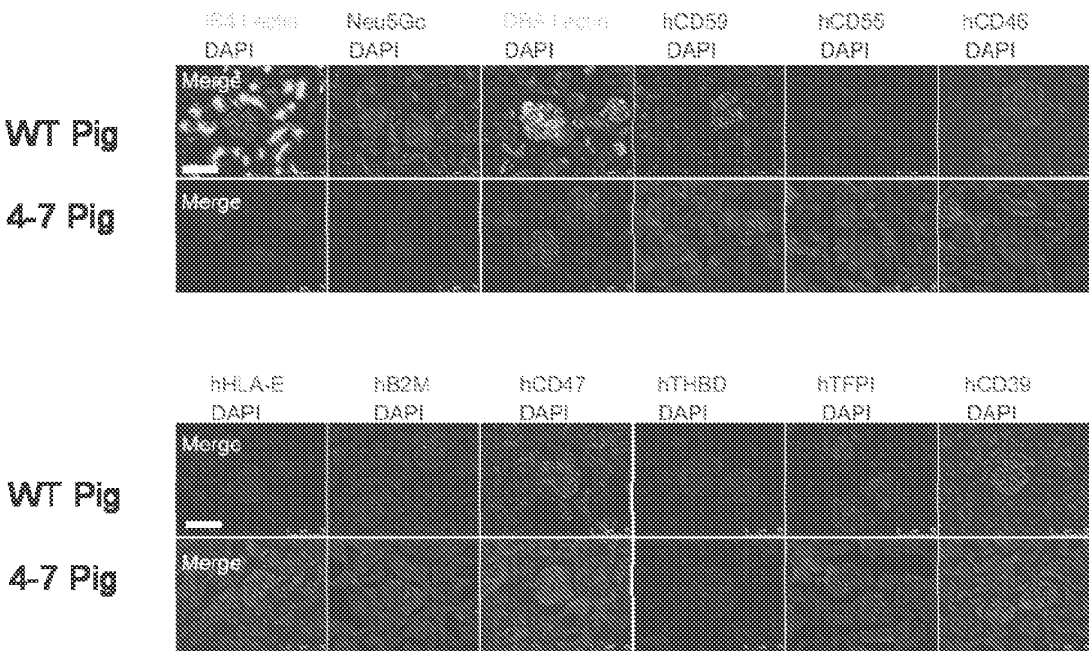
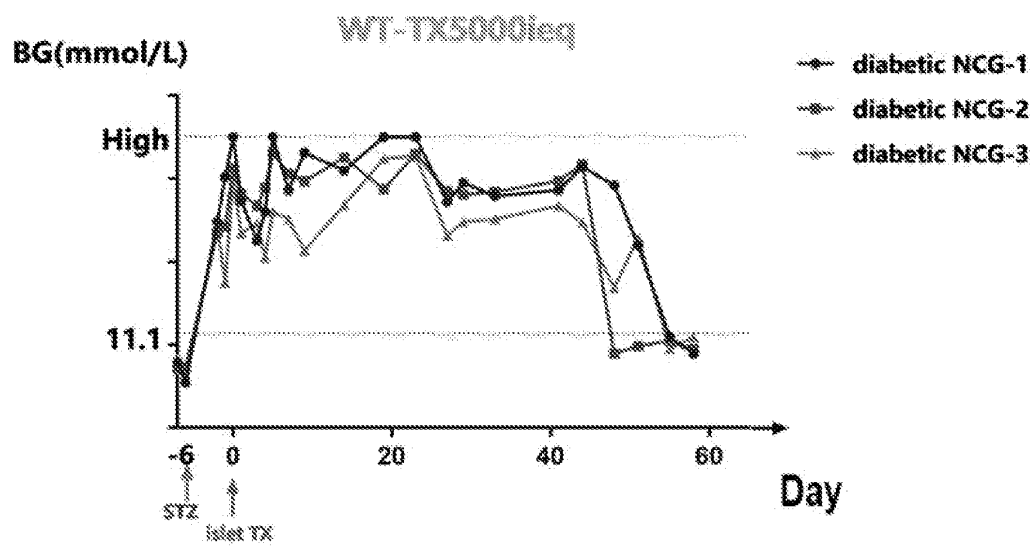
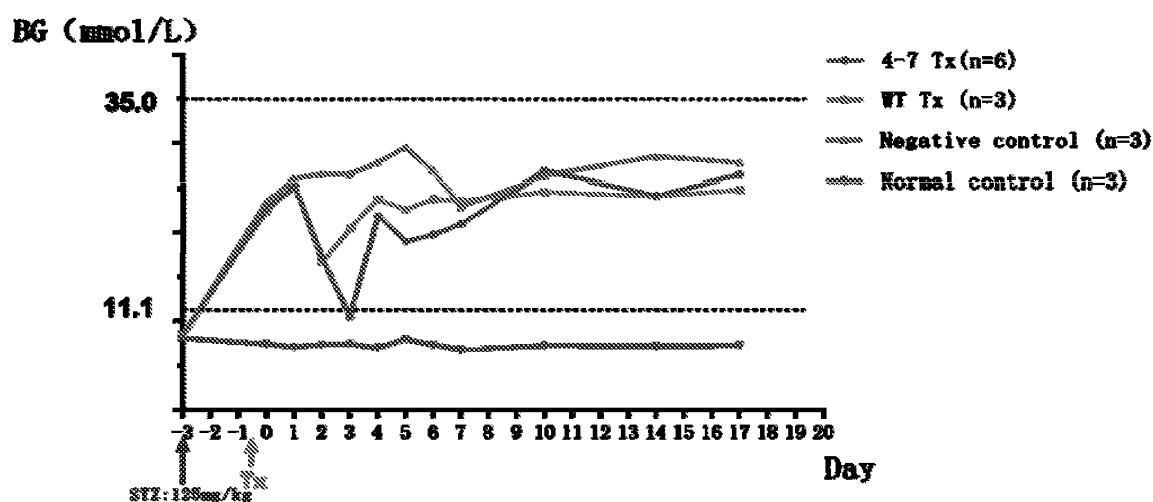


FIGURE 18



1. STZ= 125mg/kg(1 dose)/mouse.
2. Islet TX= 5000IEQ/mouse.
3. High: The maximum measure range of the glucometer is 35mmol/L.
4. 11.1mmol/L: When BG is more than 11.1mmol/L, mouse is considered diabetic.

FIGURE 19



BG curve of NCG mice transplanted with NICC

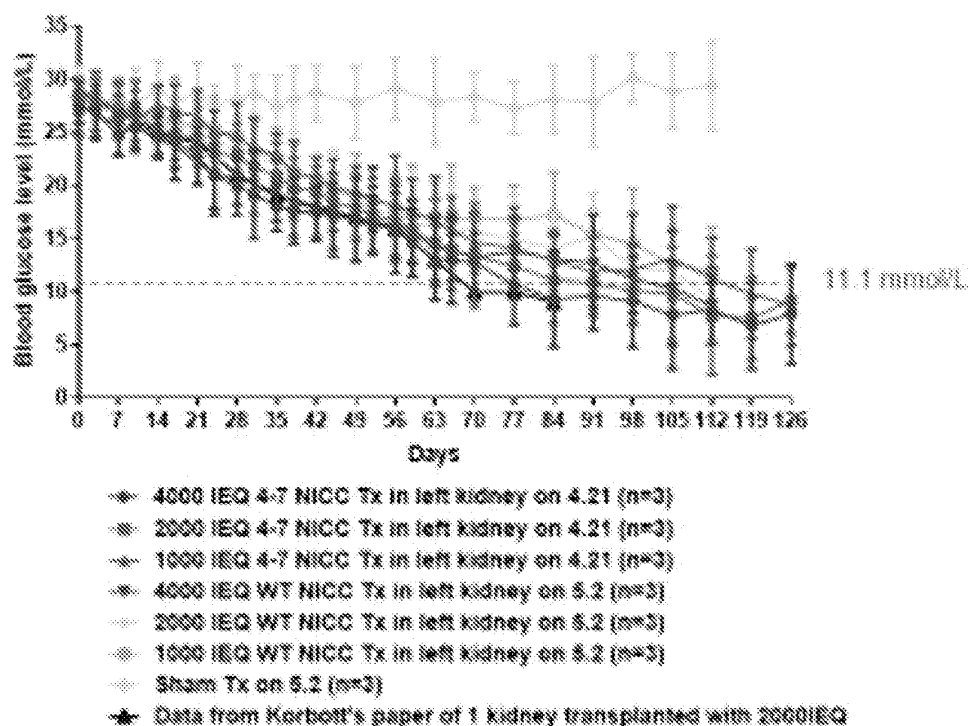


FIGURE 20

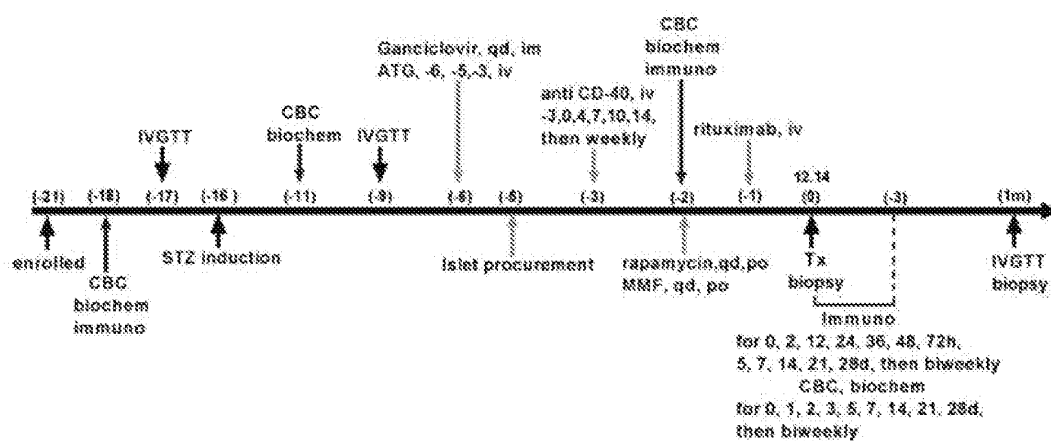


FIGURE 21

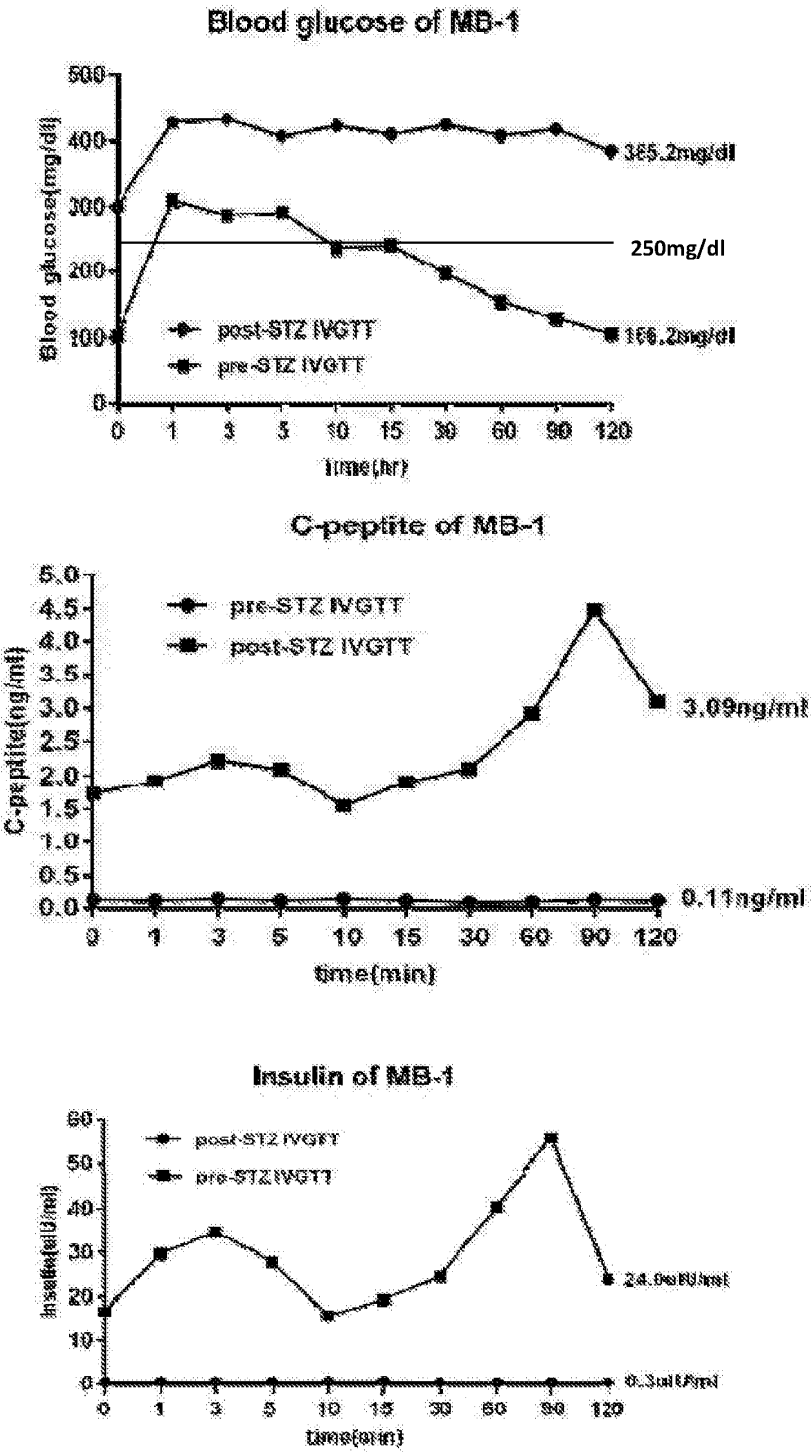


FIGURE 22

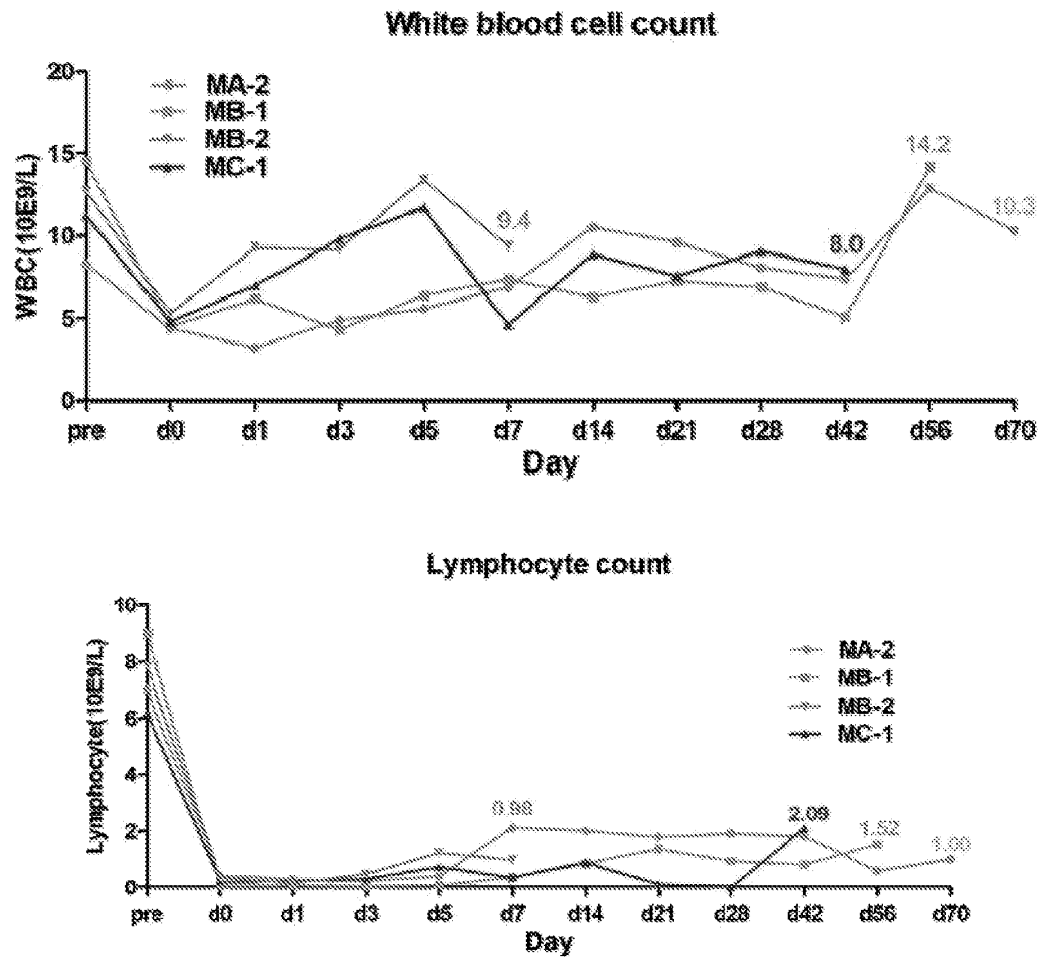
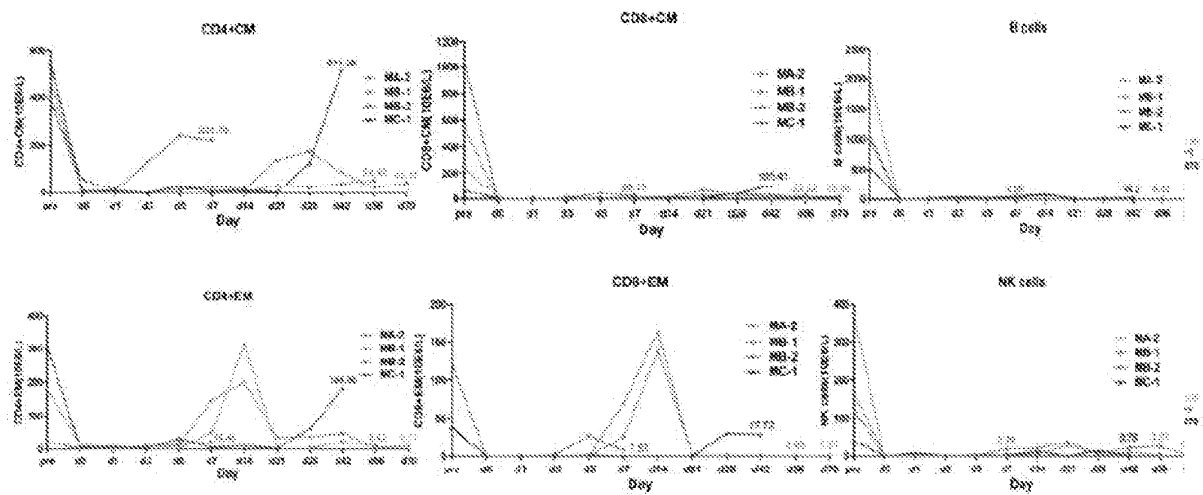
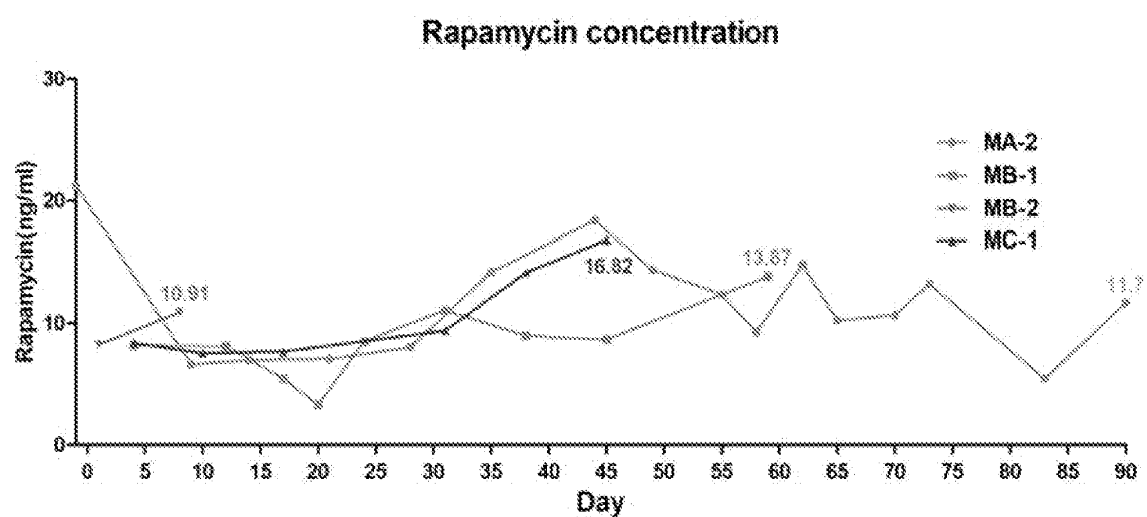
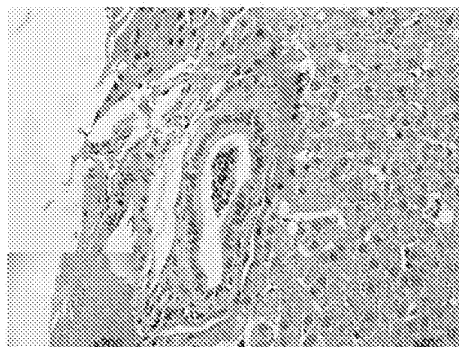


FIGURE 23

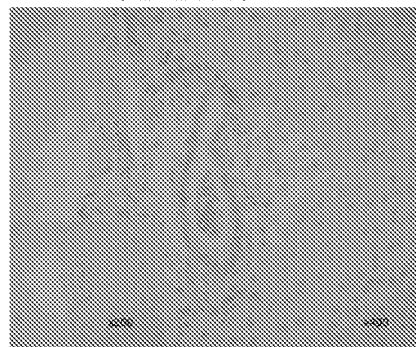
**FIGURE 24**

**FIGURE 25**

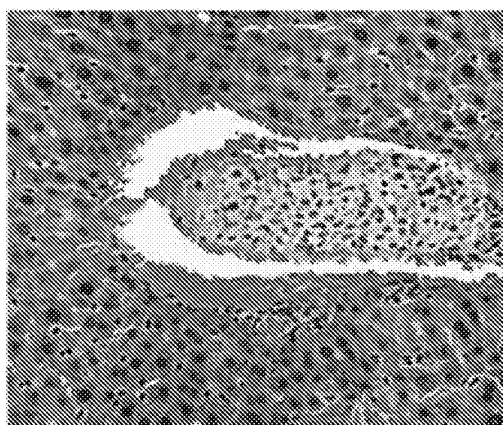
HE



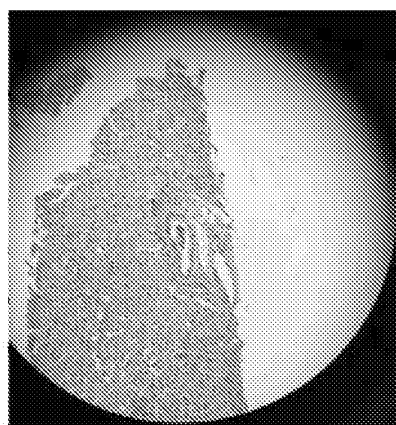
Anti-Chromogranin A
(dilution:1:100)



MA-2 liver biopsy 1 month after Tx.



MA-1 after 12 hrs Tx HE



MA-2 after 1 months Tx HE

FIGURE 26

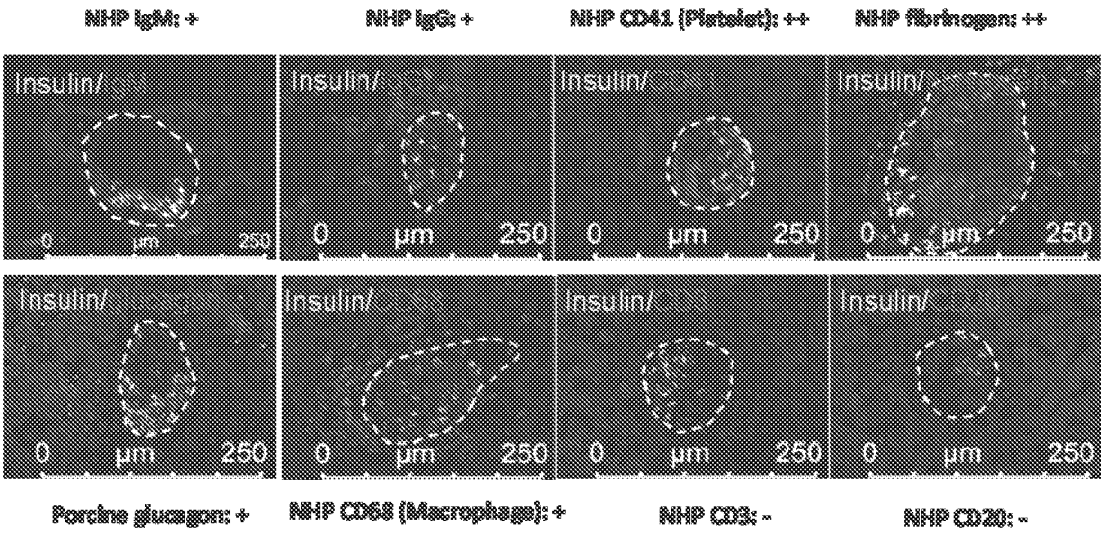


FIGURE 27

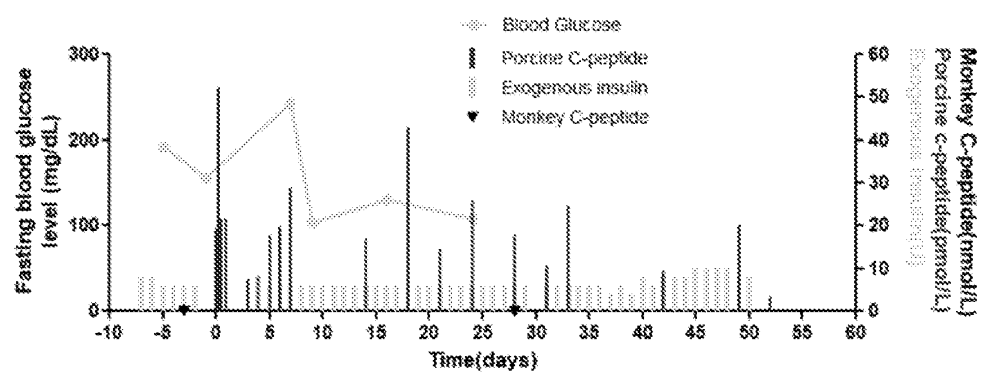


FIGURE 28