

Cultivation of Placenta in bioreactor to harvest cells and exosomes

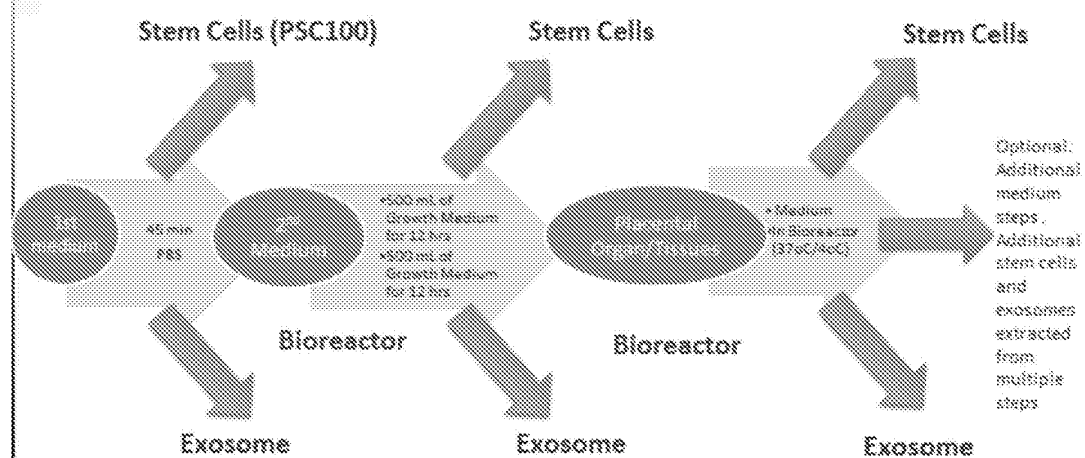


FIG. 1

NANOSIGHT

Nanoparticle Tracking Analysis (NTA) Version 2.3 Build 2.3.5.0033.7-Beta7

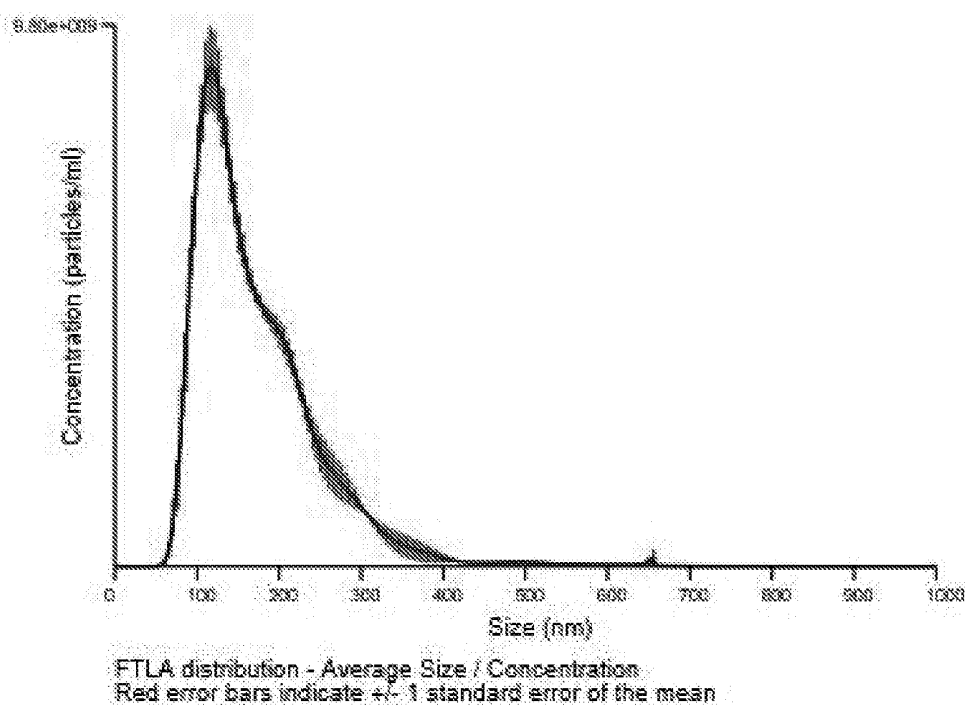


FIG. 2A

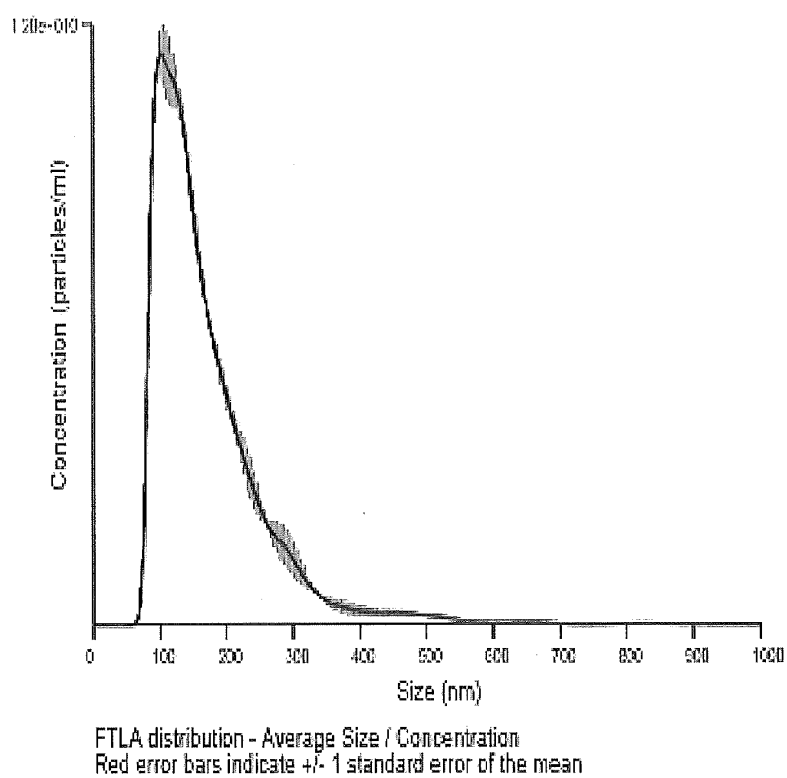
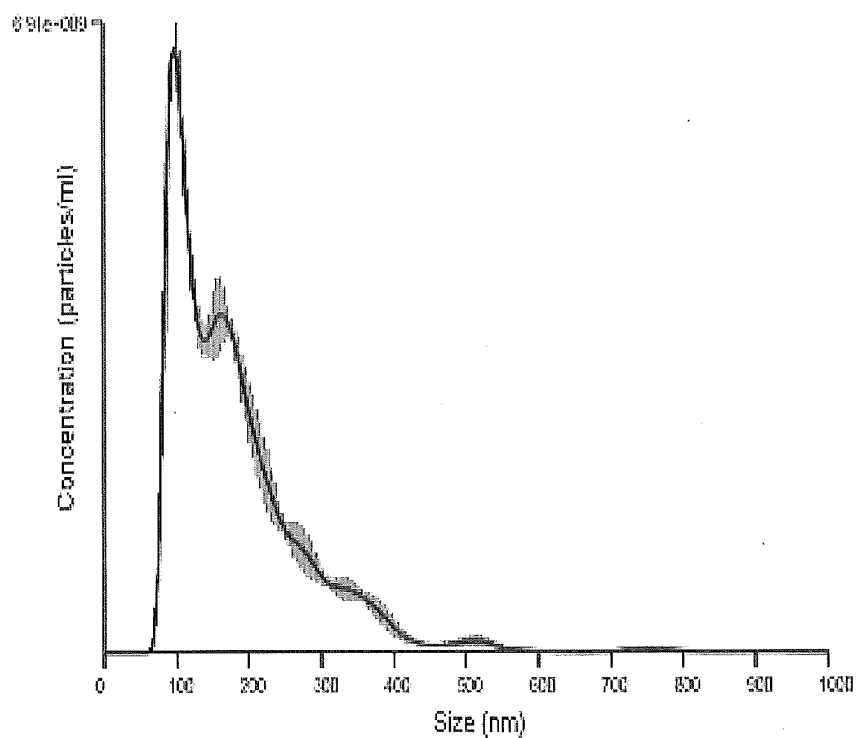


FIG. 2B



FTLA distribution - Average Size / Concentration
Red error bars indicate ± 1 standard error of the mean

FIG. 2C

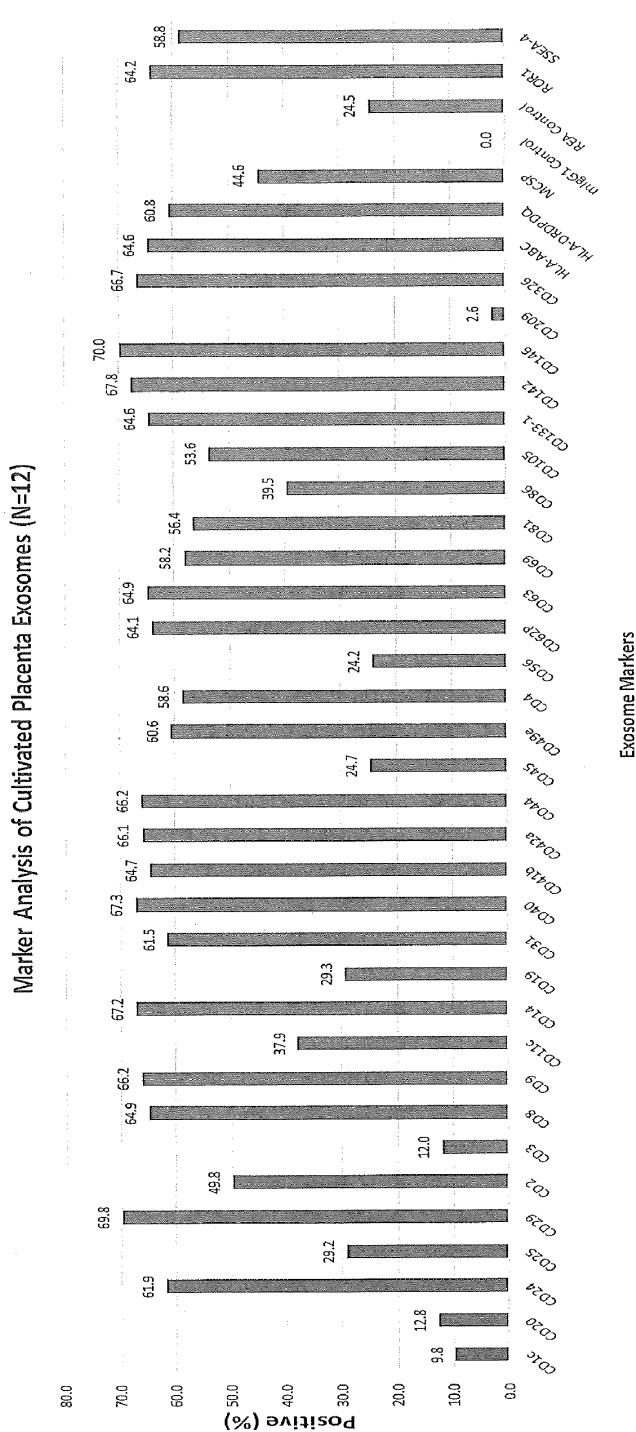
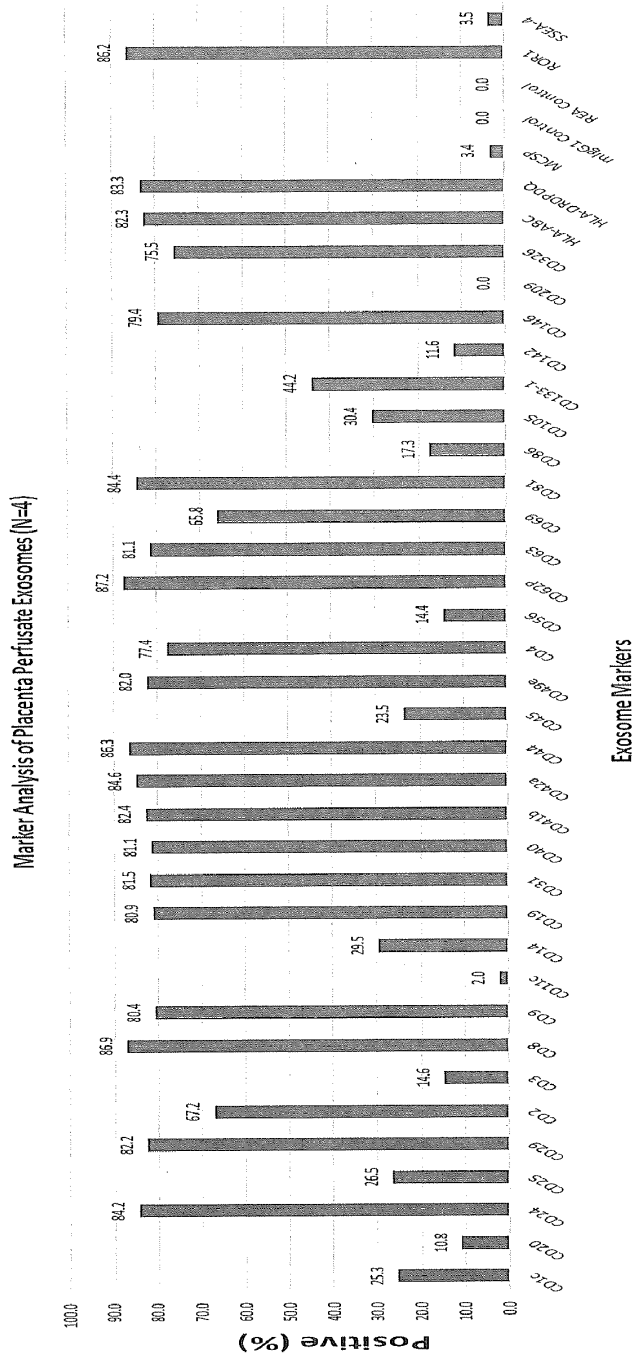


FIG. 3A



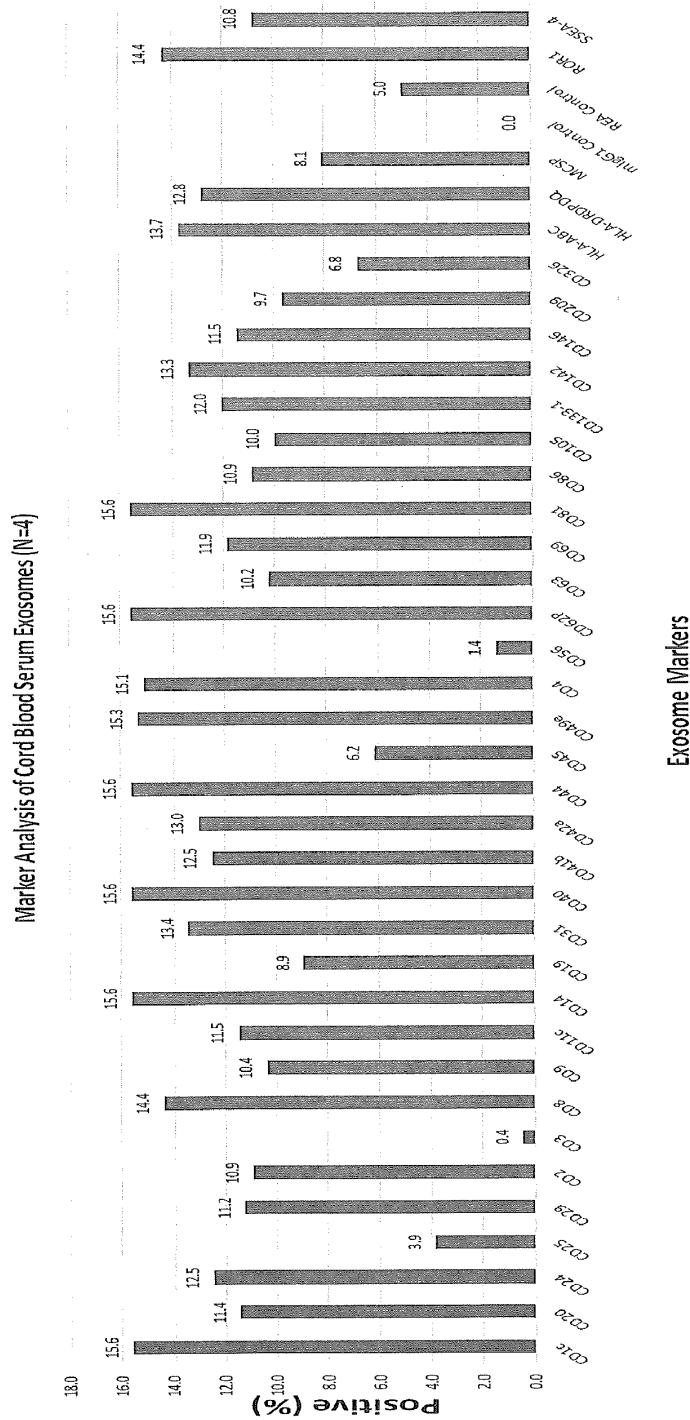


FIG. 3C

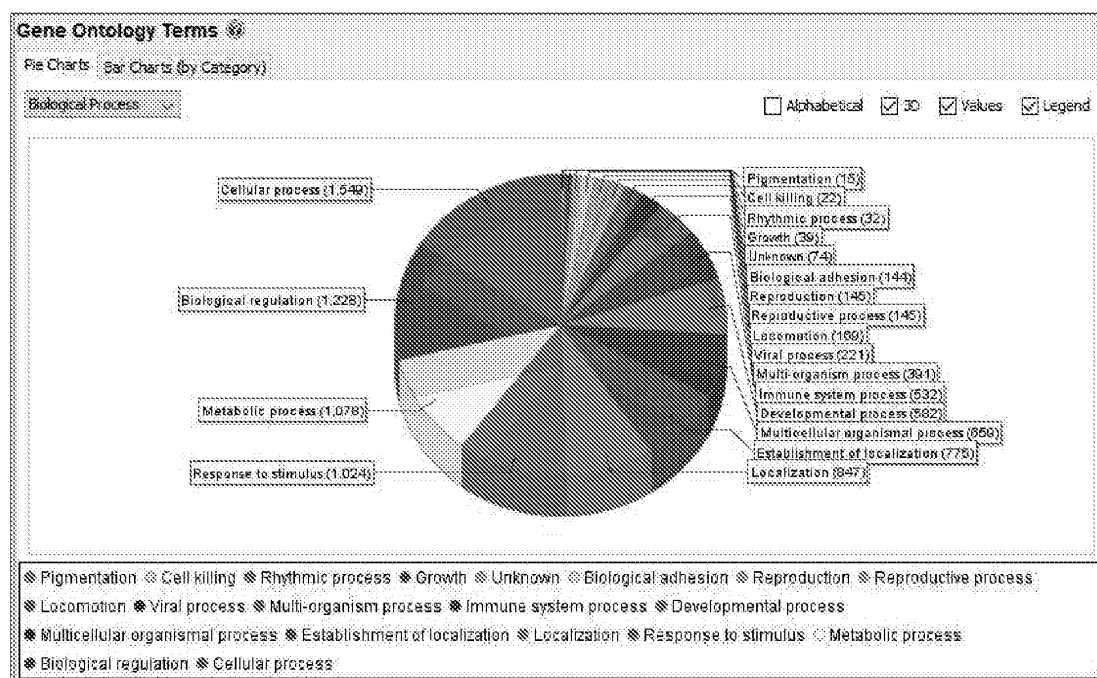


FIG. 4

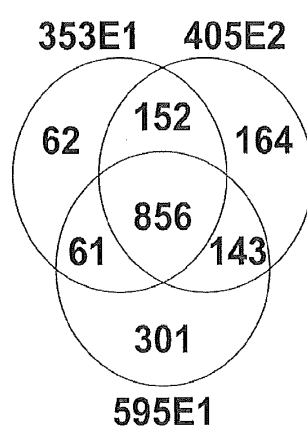


FIG. 5

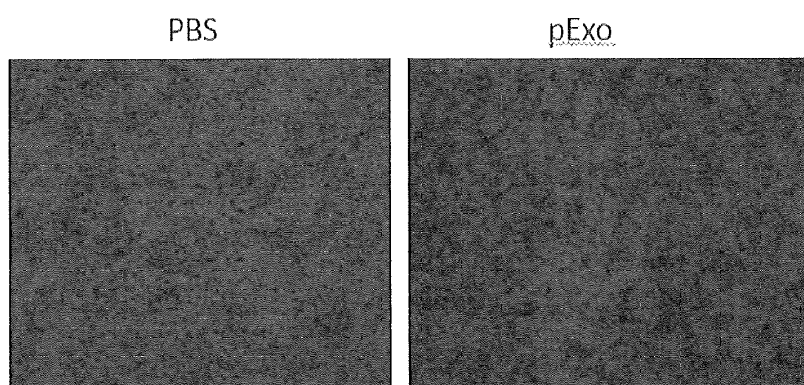


FIG. 6

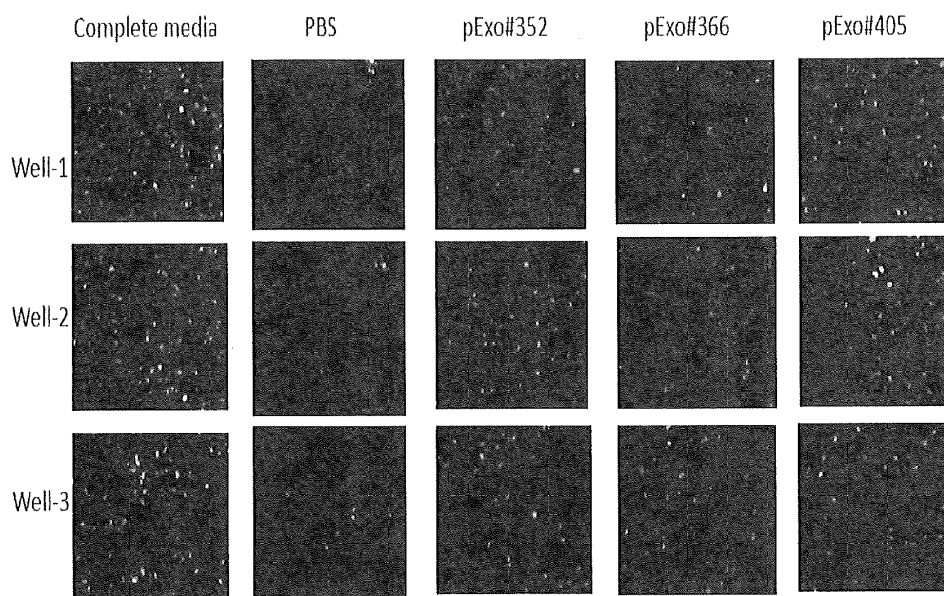


FIG. 7

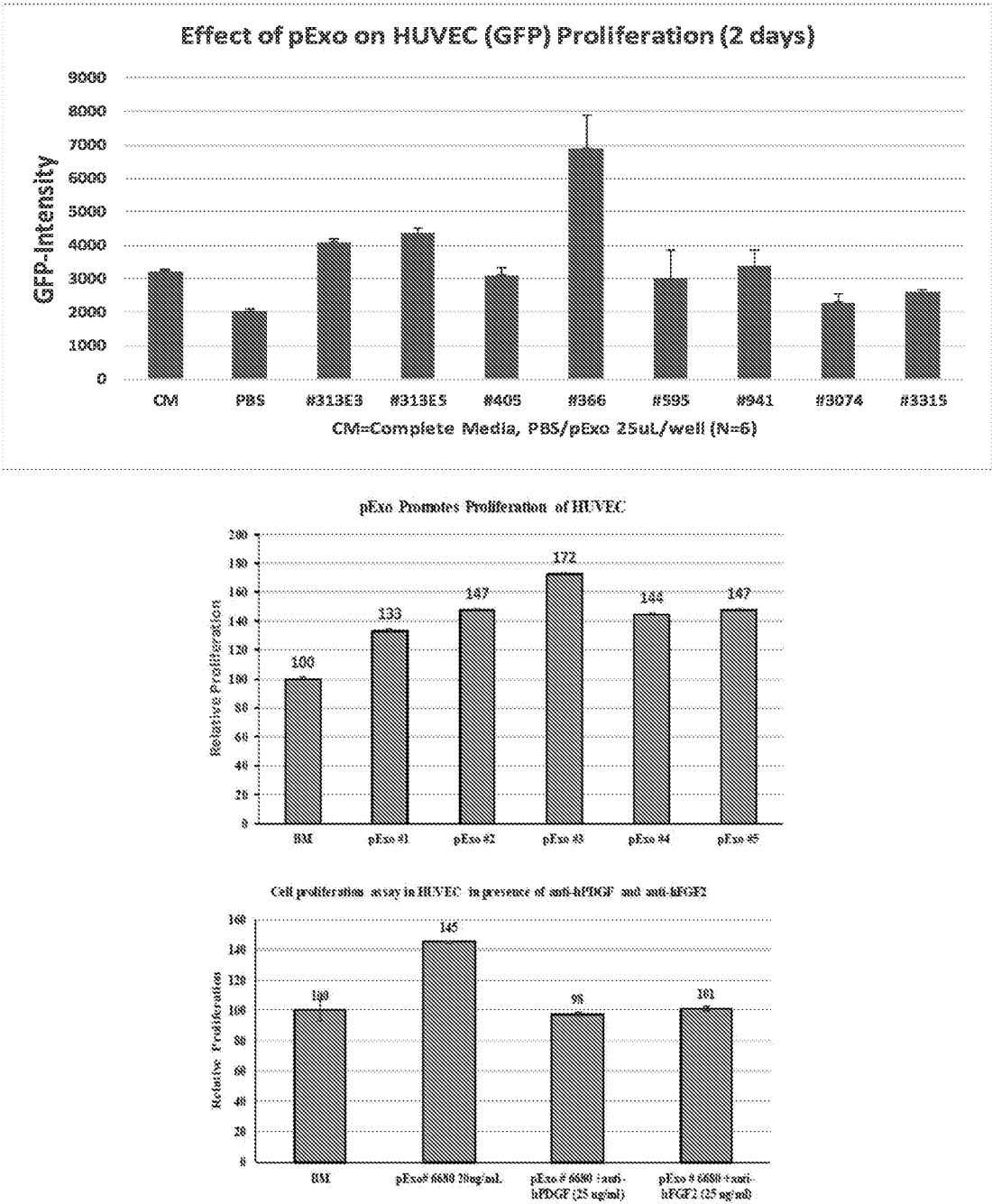
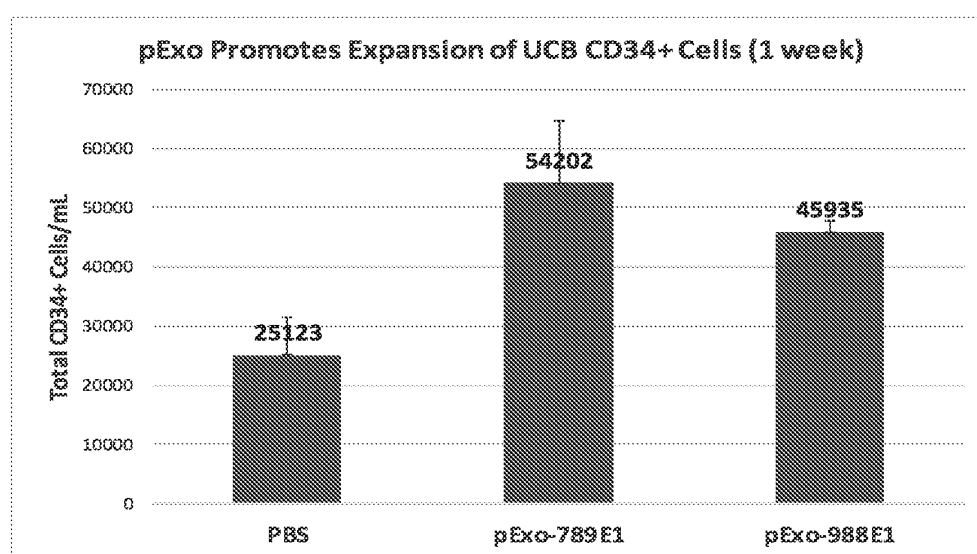
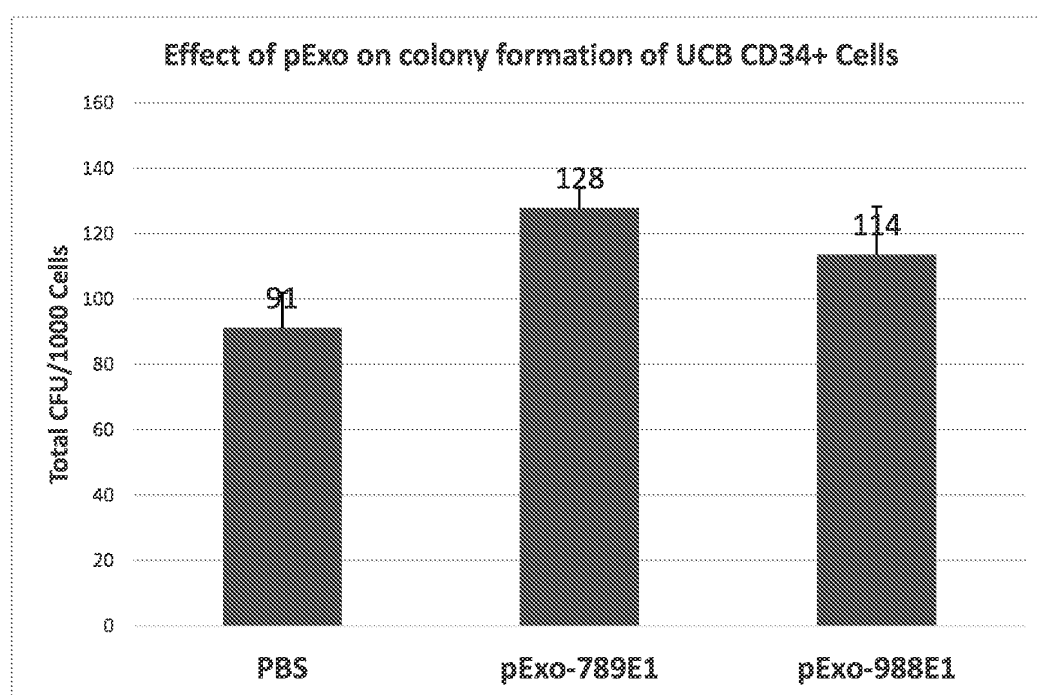
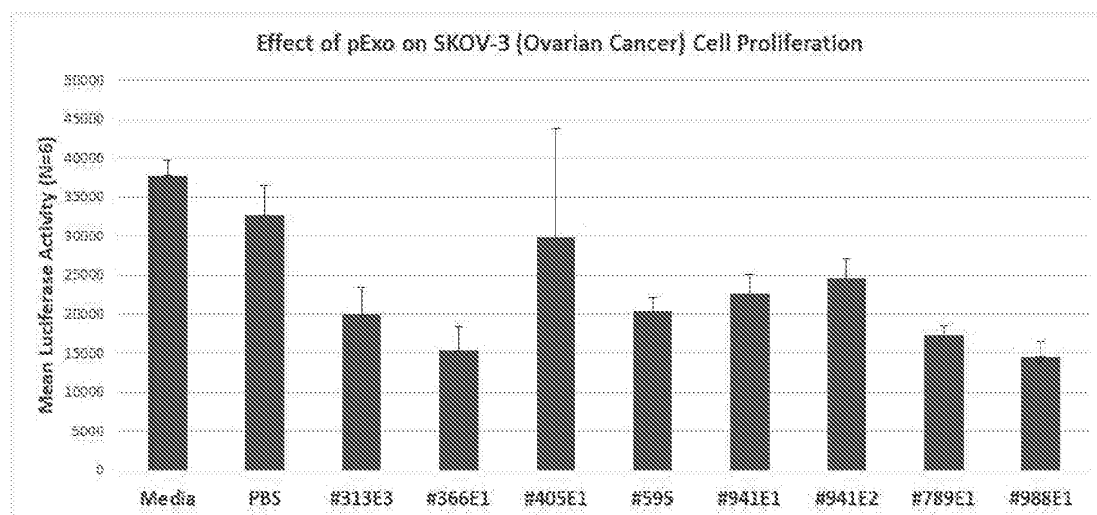


FIG. 8

**FIG. 9**

**FIG. 10**

**FIG. 11**

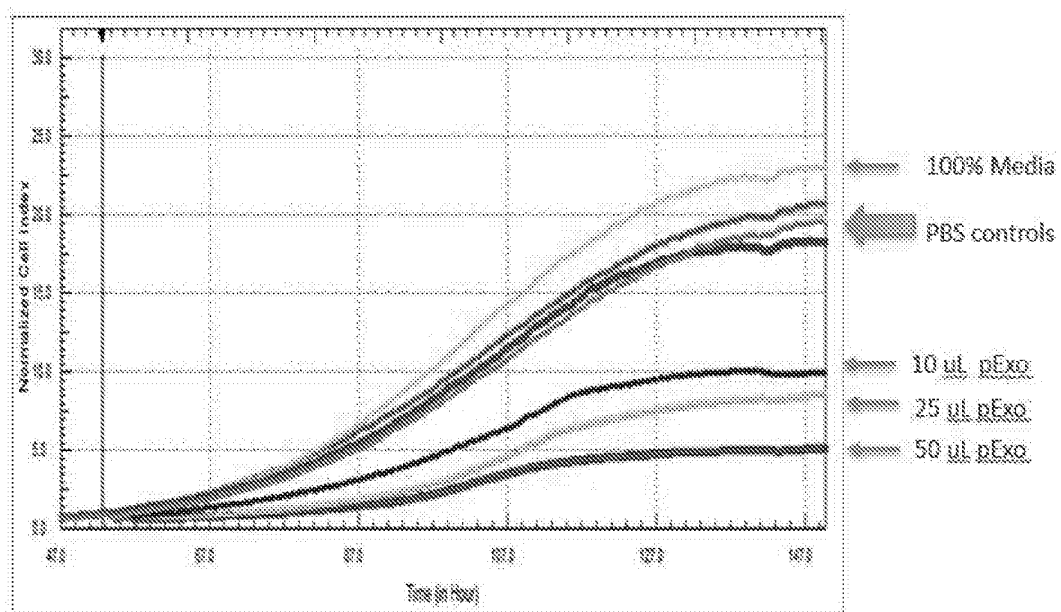


FIG. 12

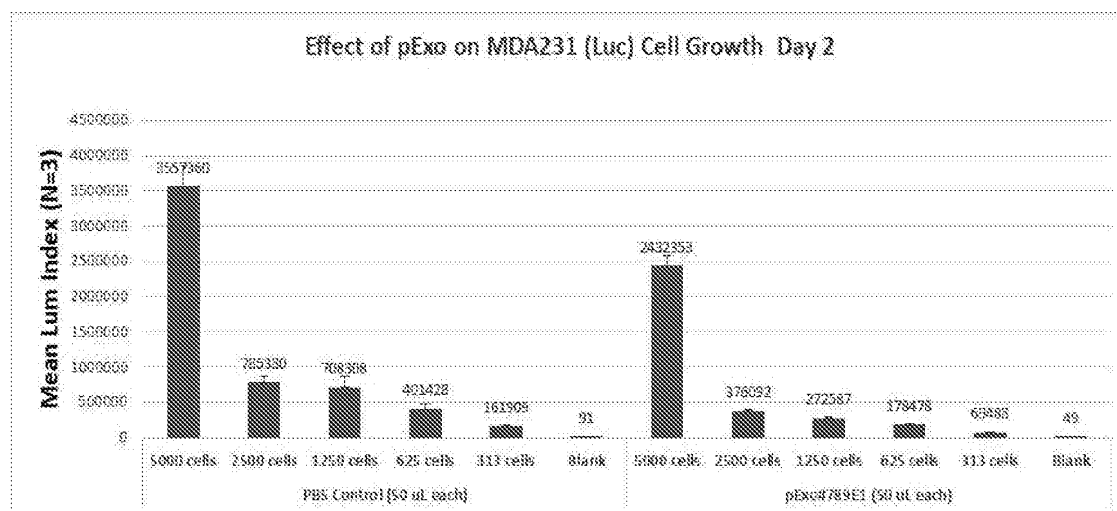


FIG. 13

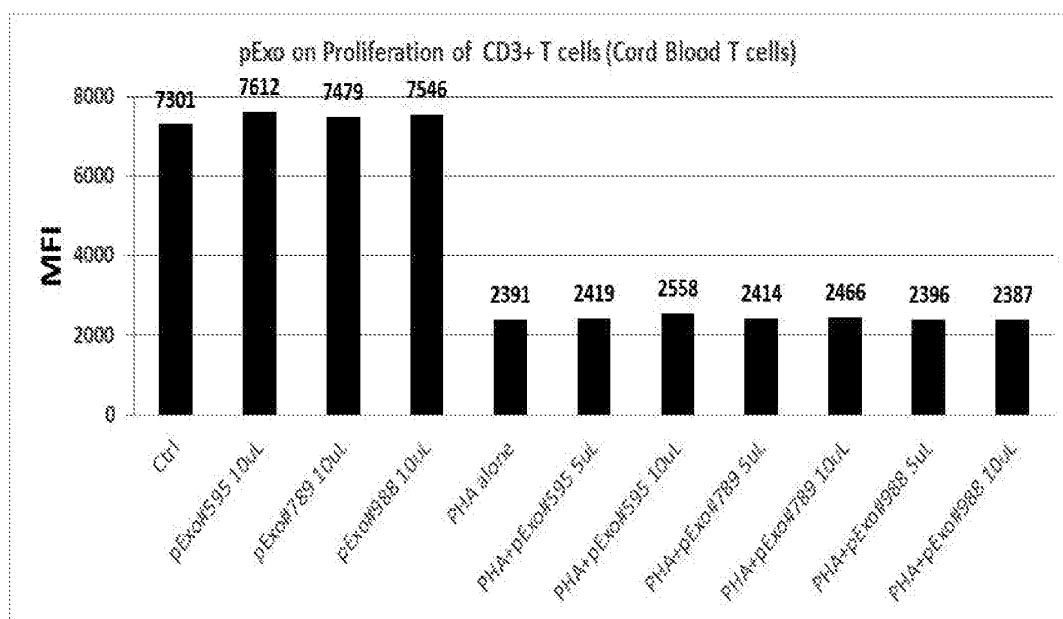


FIG. 14

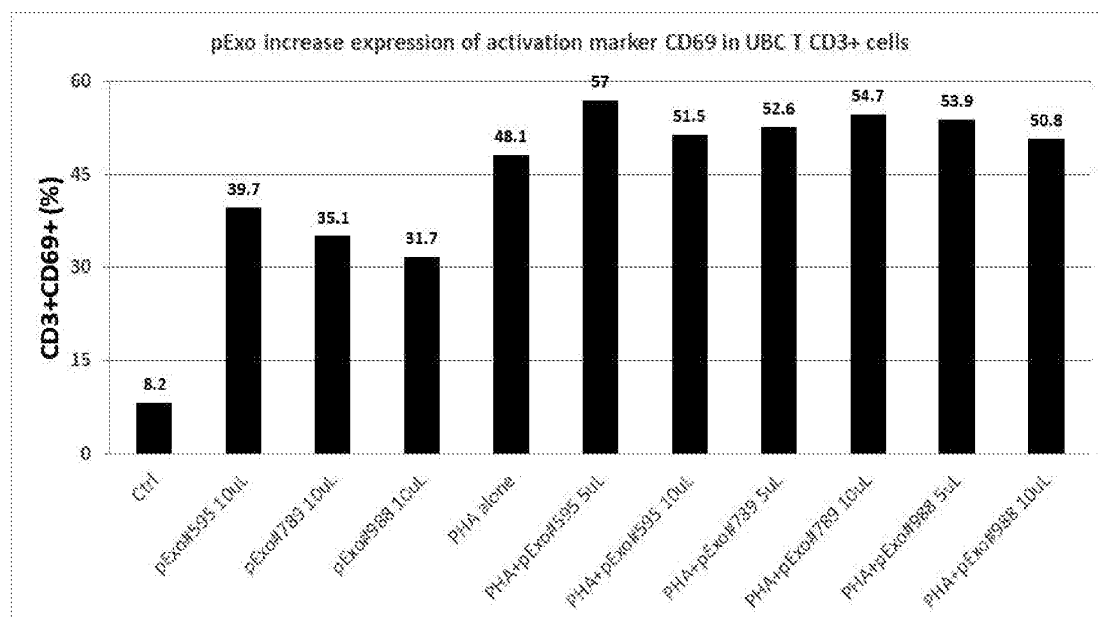


FIG. 15

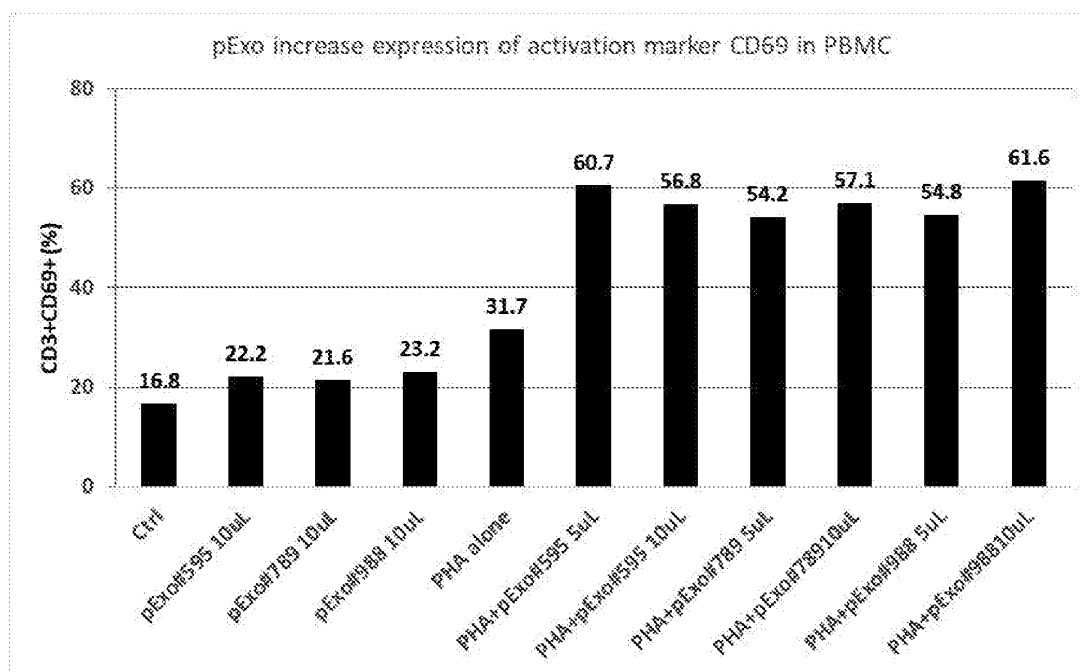


FIG. 16

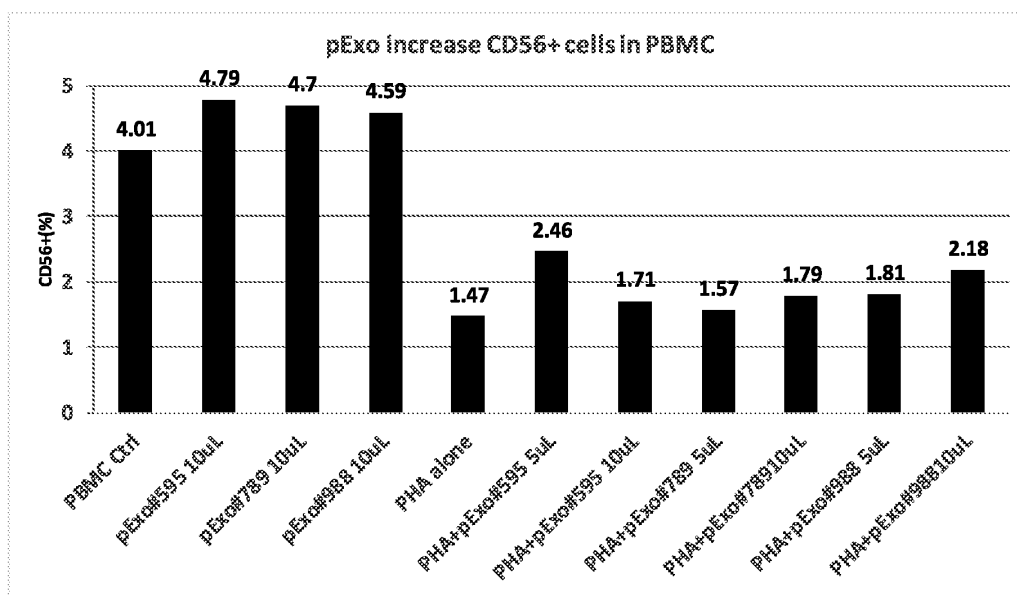
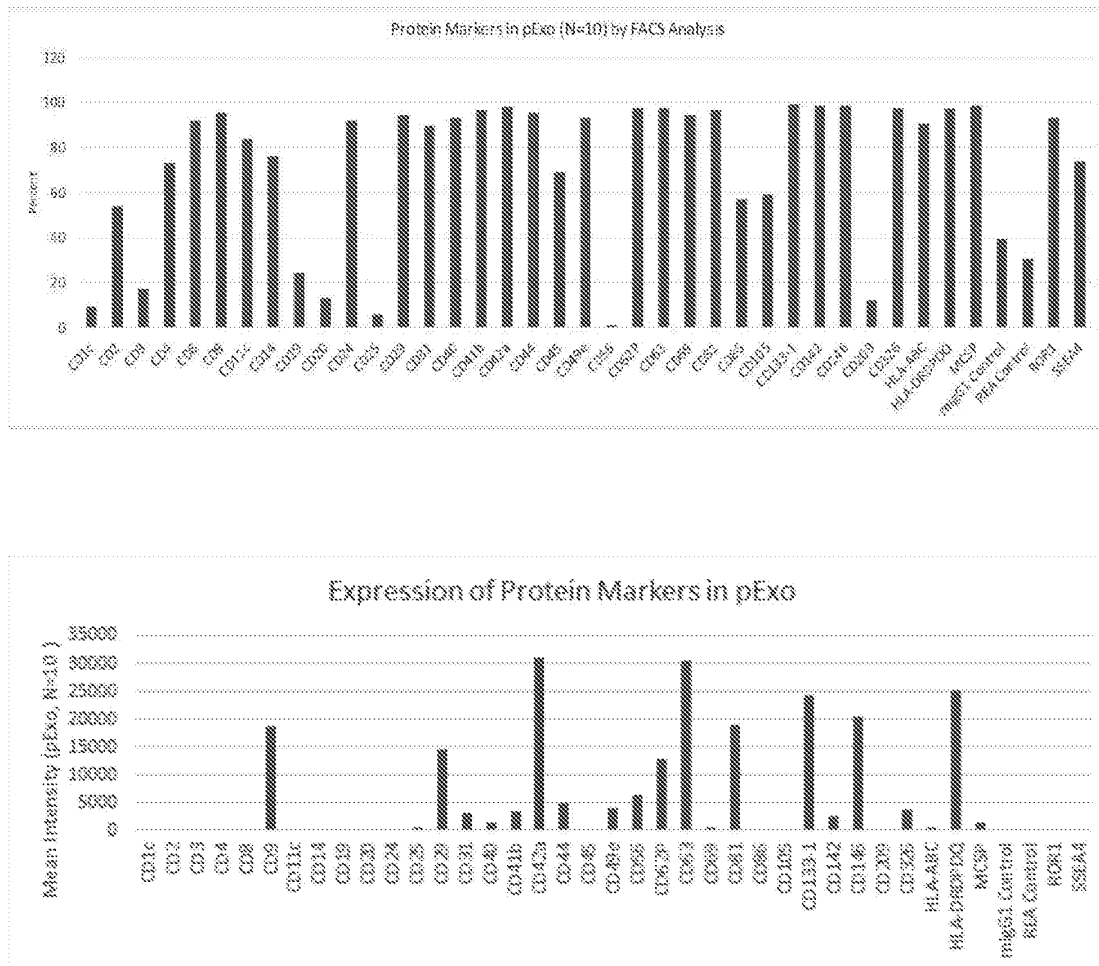


FIG. 17



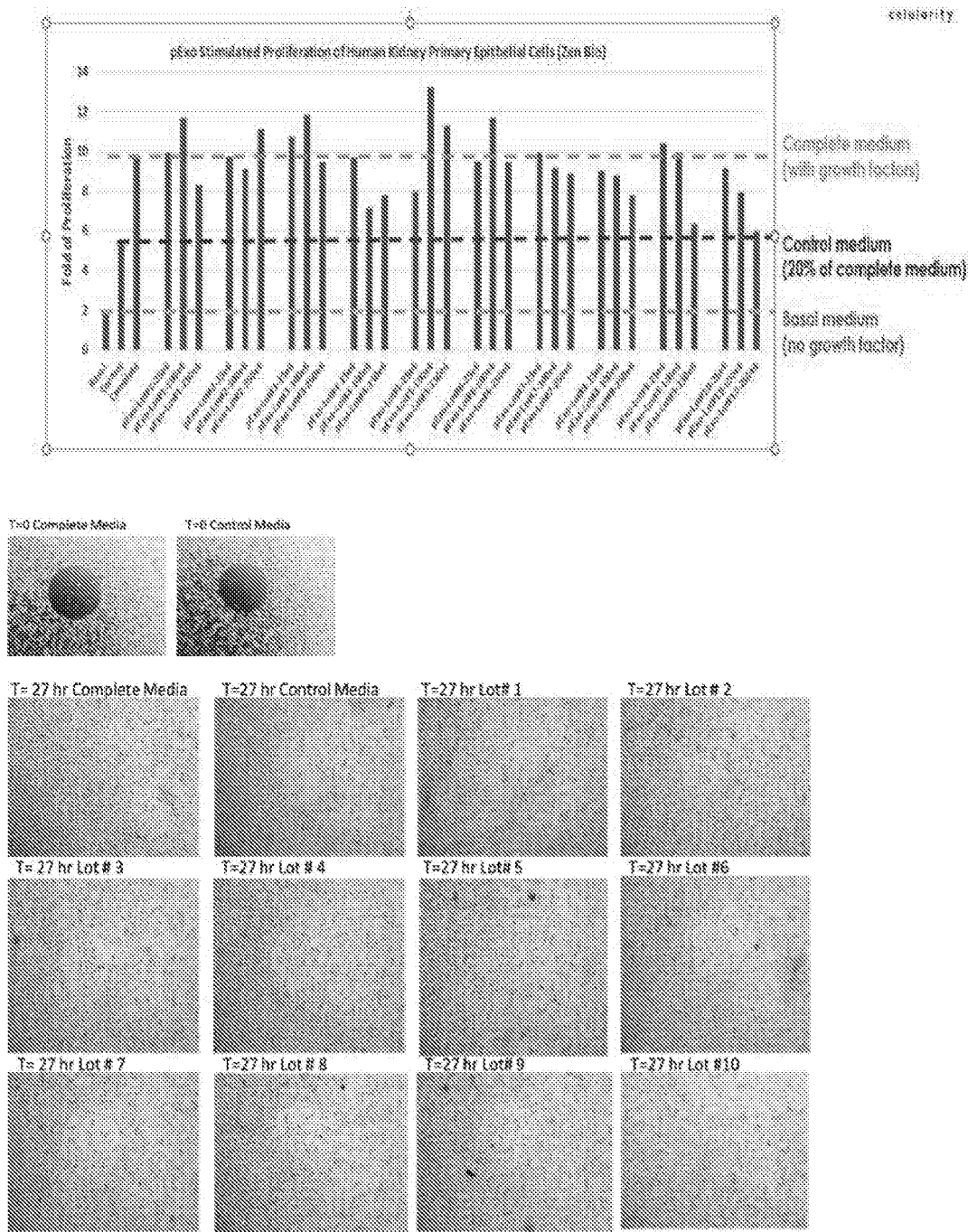


FIG. 19

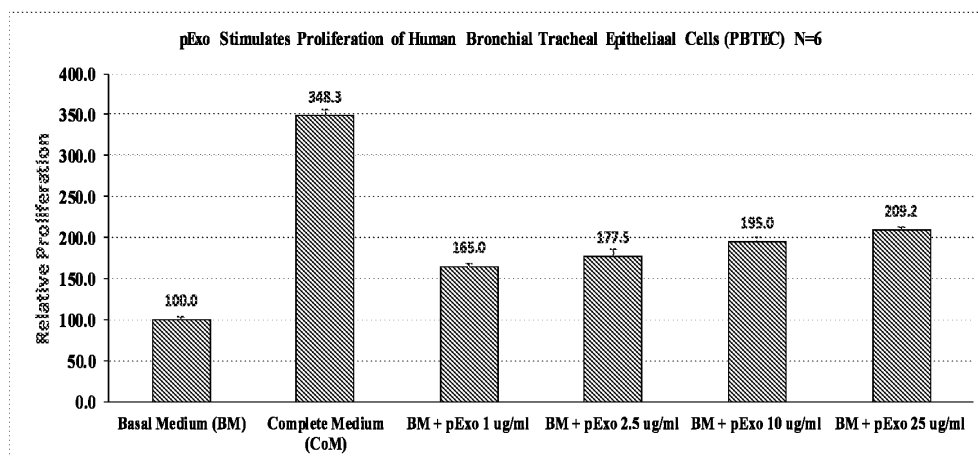


FIG. 20

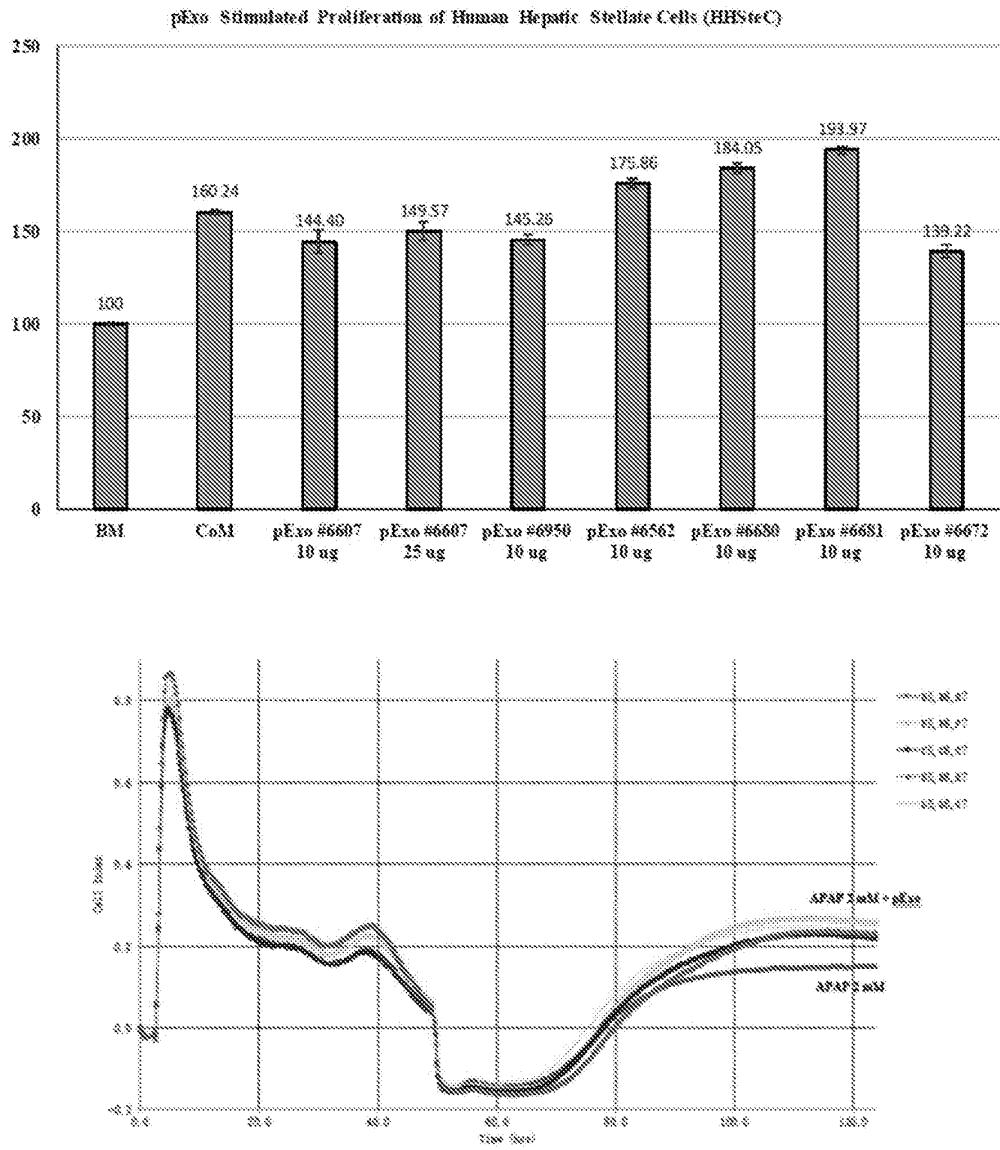


FIG. 21

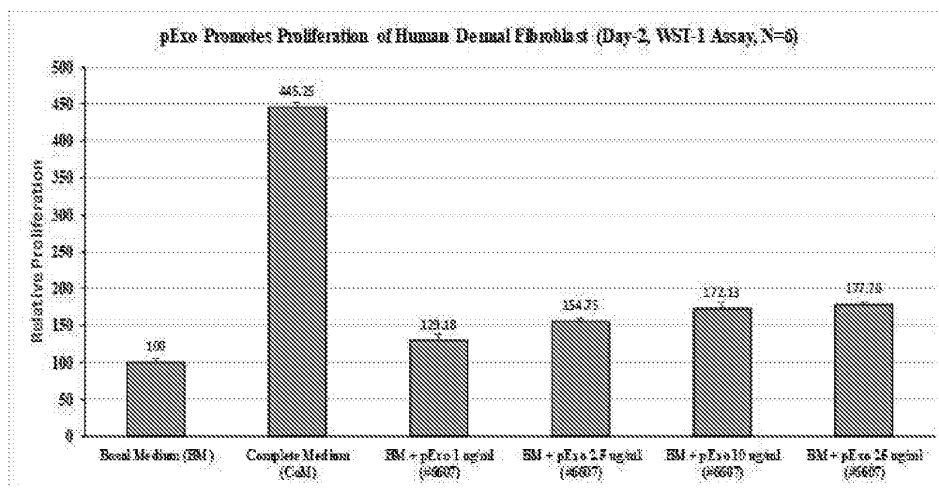


FIG. 22

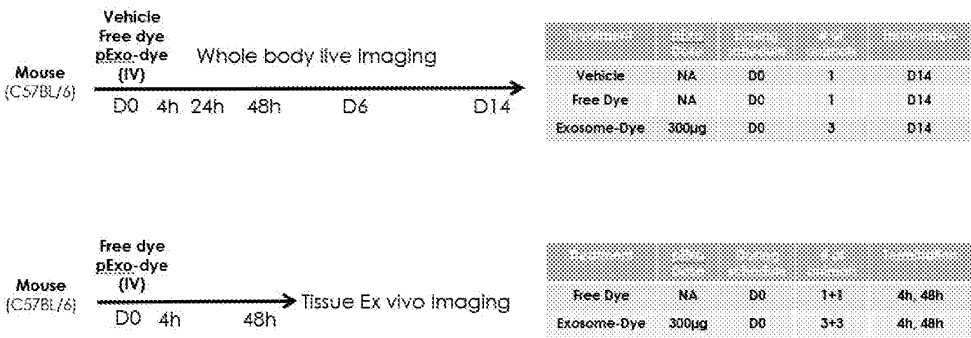


FIG. 23

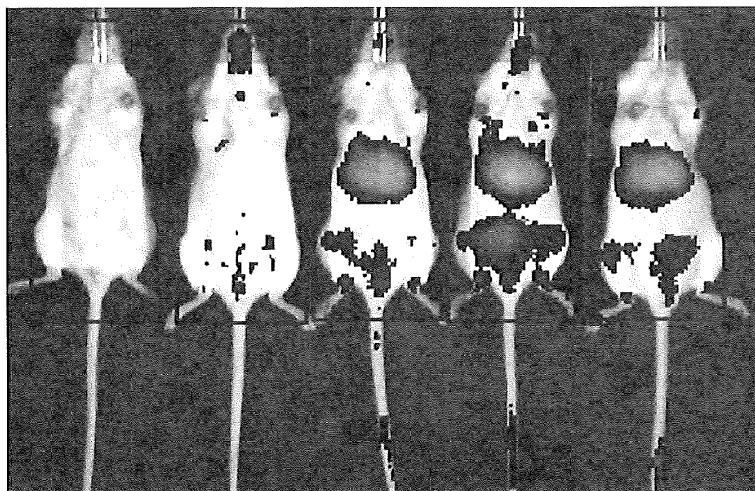


FIG. 24

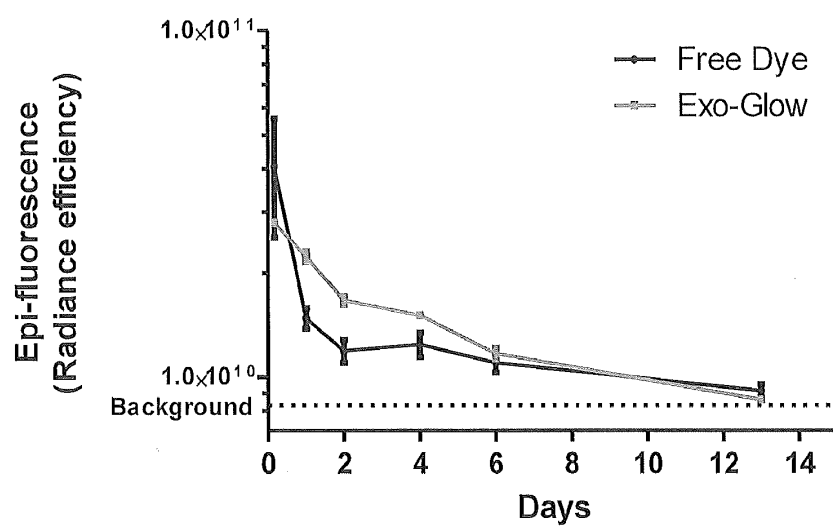
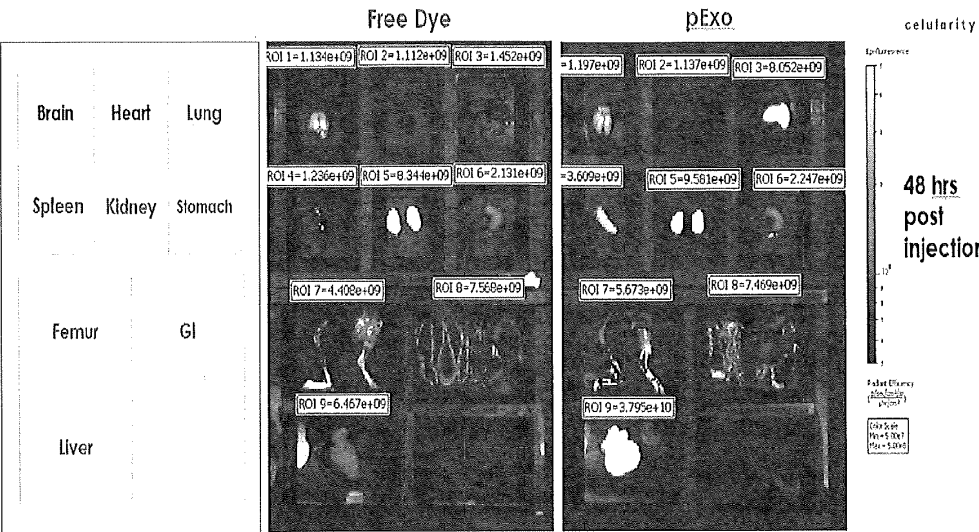


FIG. 25



- pExo were mainly found in the lung, liver, spleen, kidney, stomach, GI tract and femur (bone marrow)

FIG. 26

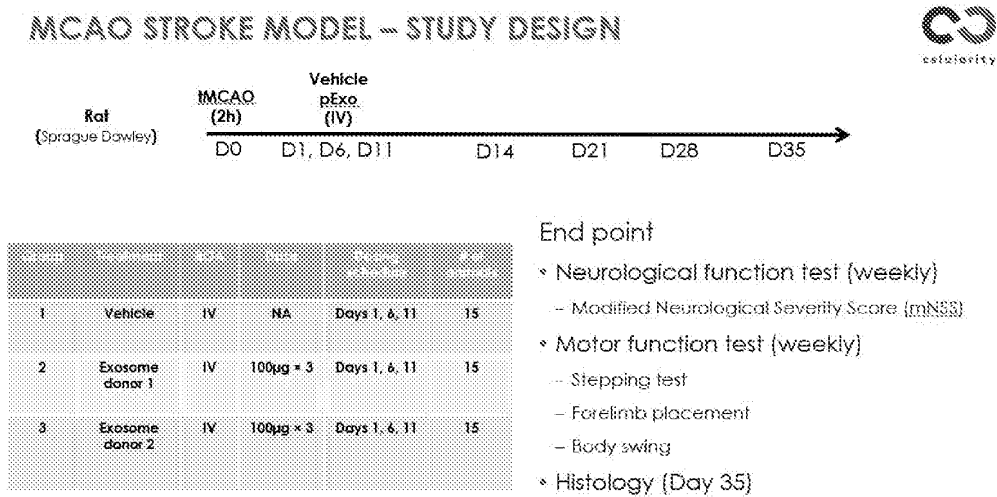


FIG. 27

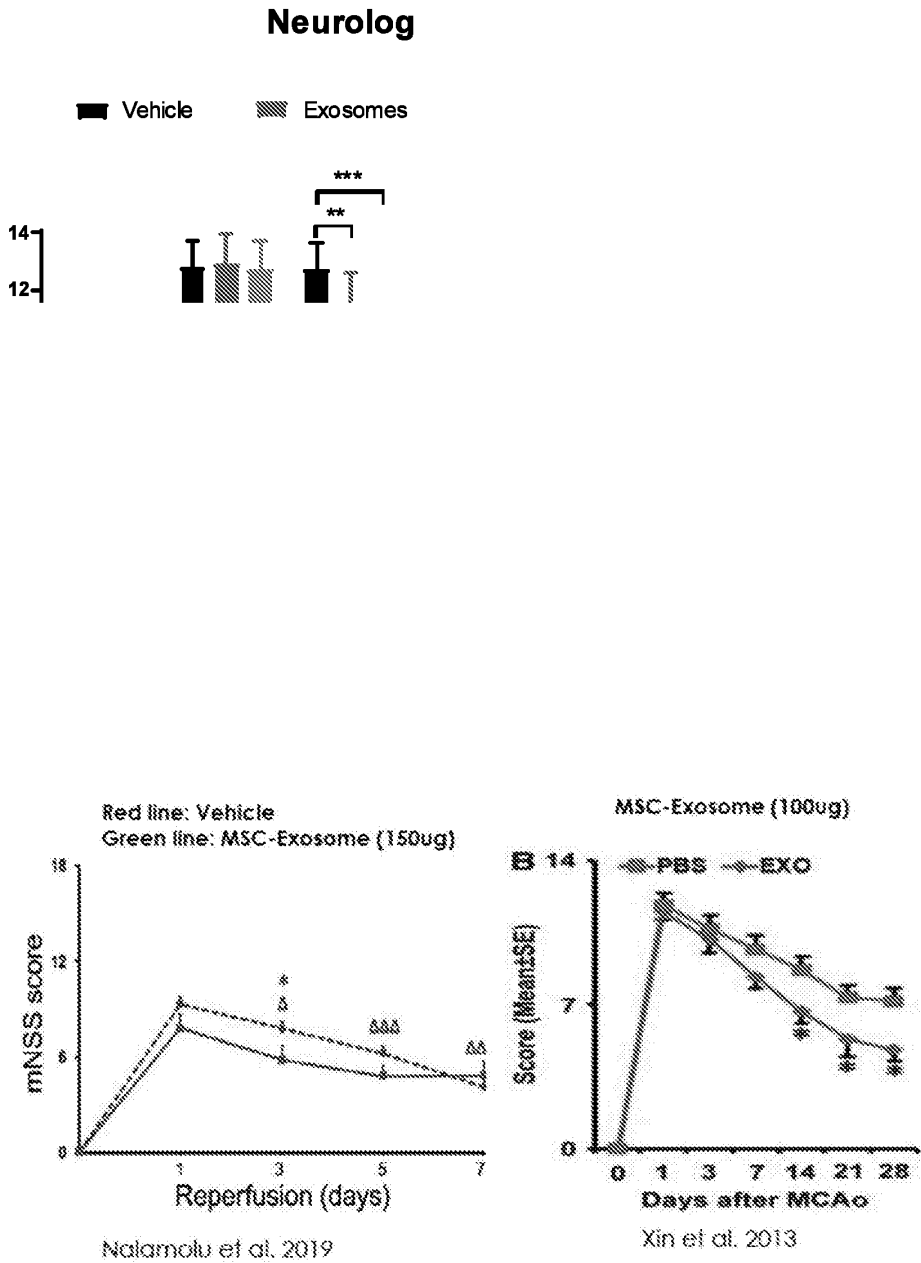


FIG. 28

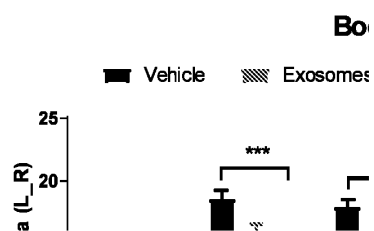


FIG. 29

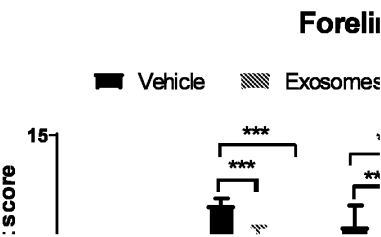


FIG. 30

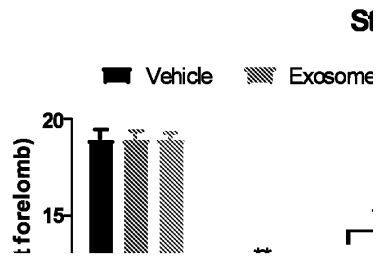


FIG. 31

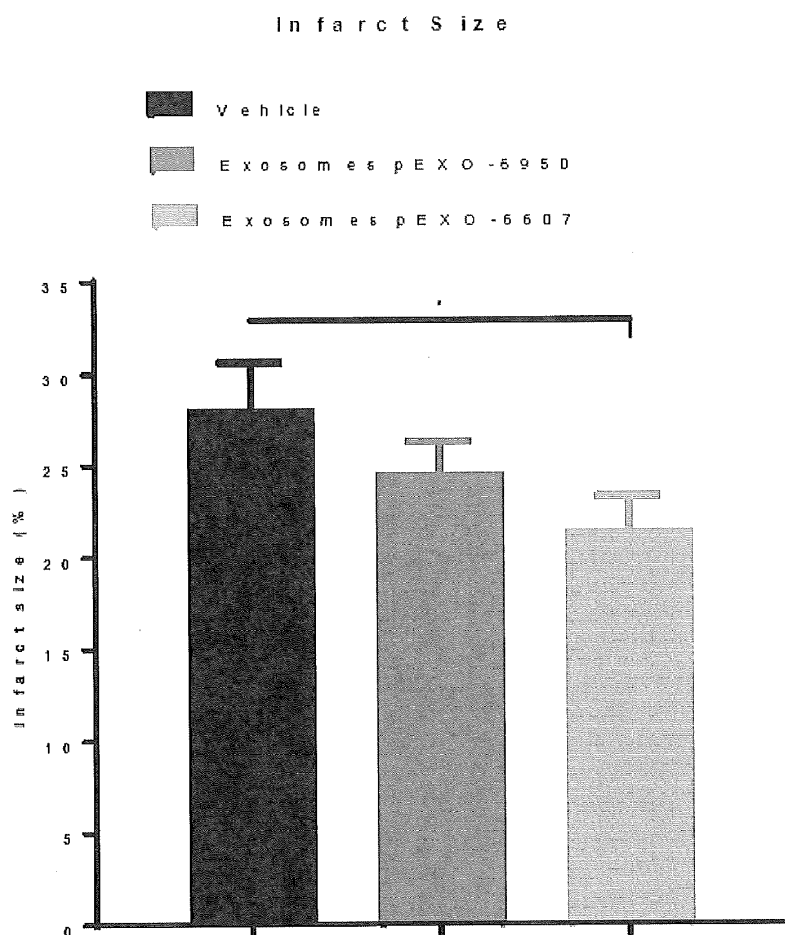


FIG. 32

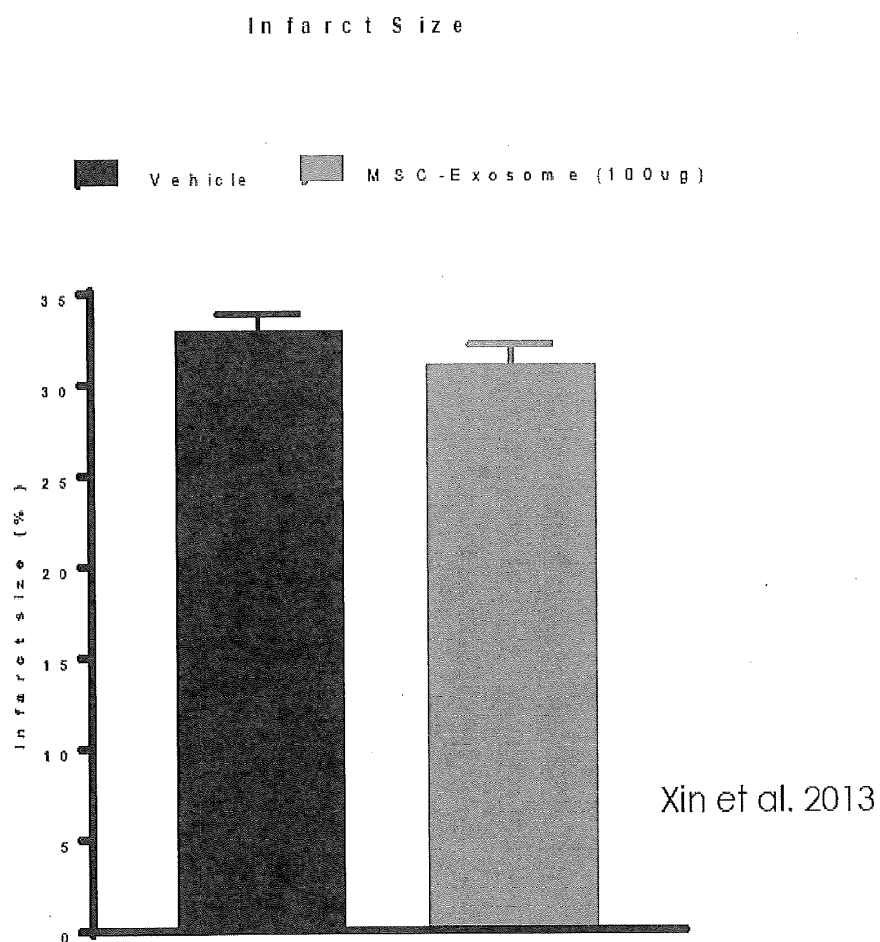


FIG. 33

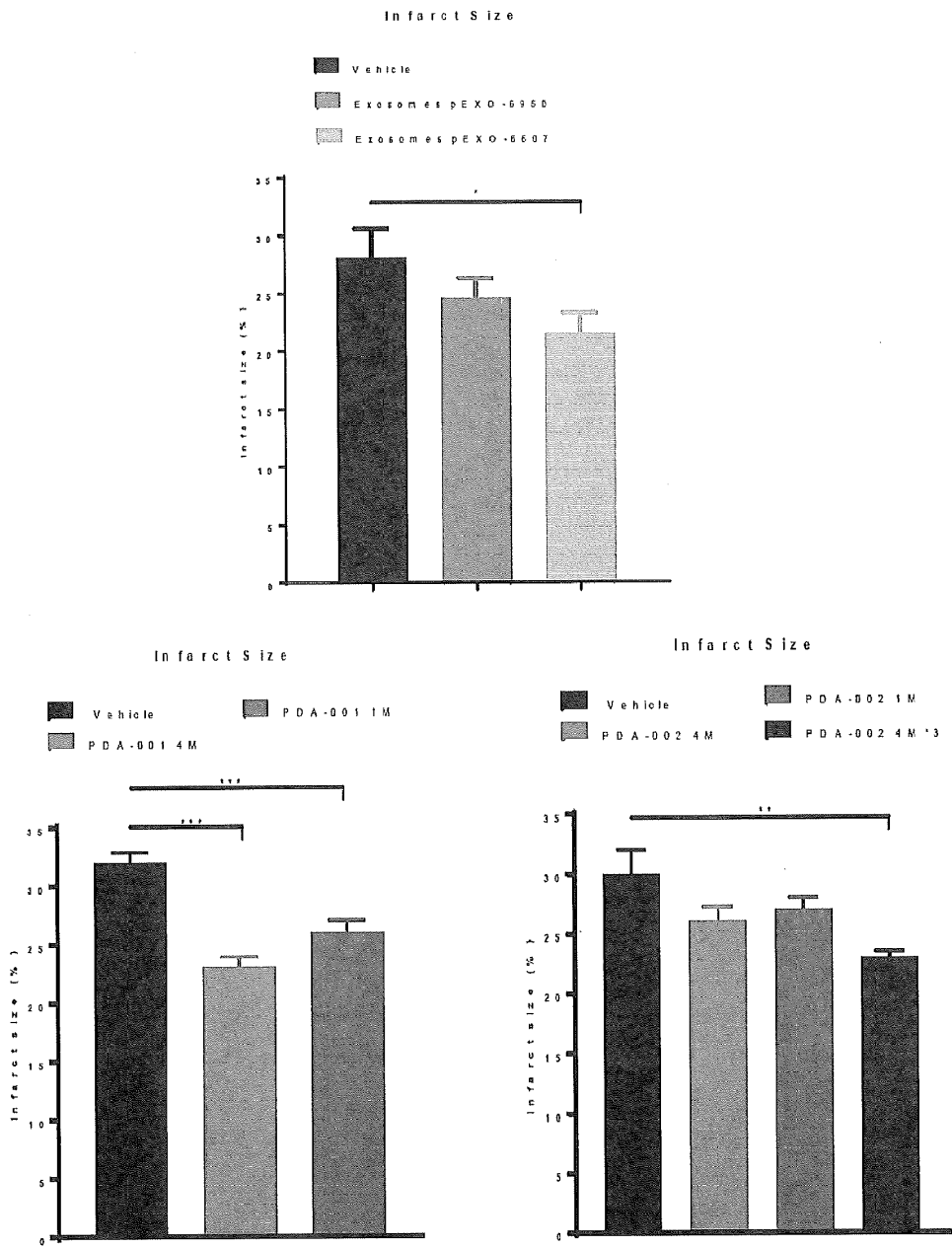


FIG. 34

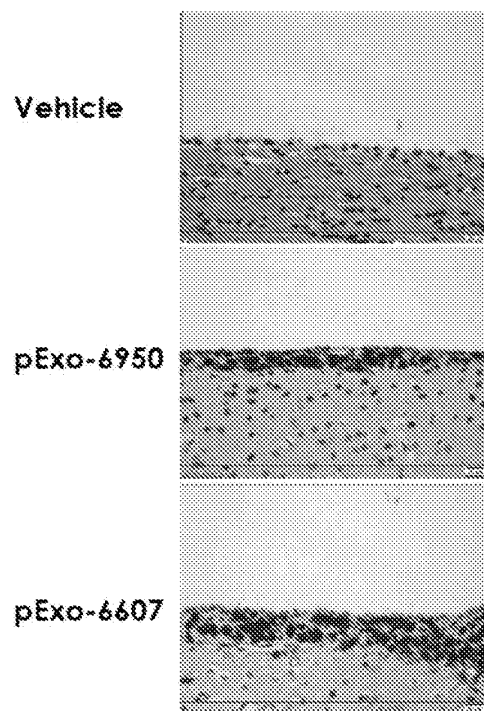


FIG. 35

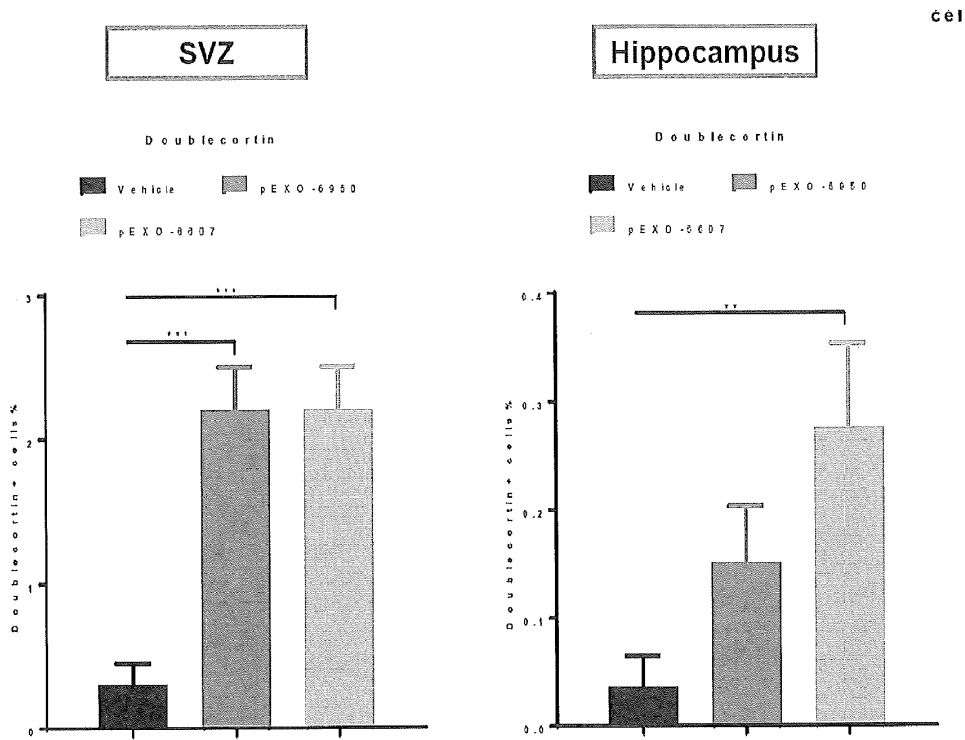


FIG. 36

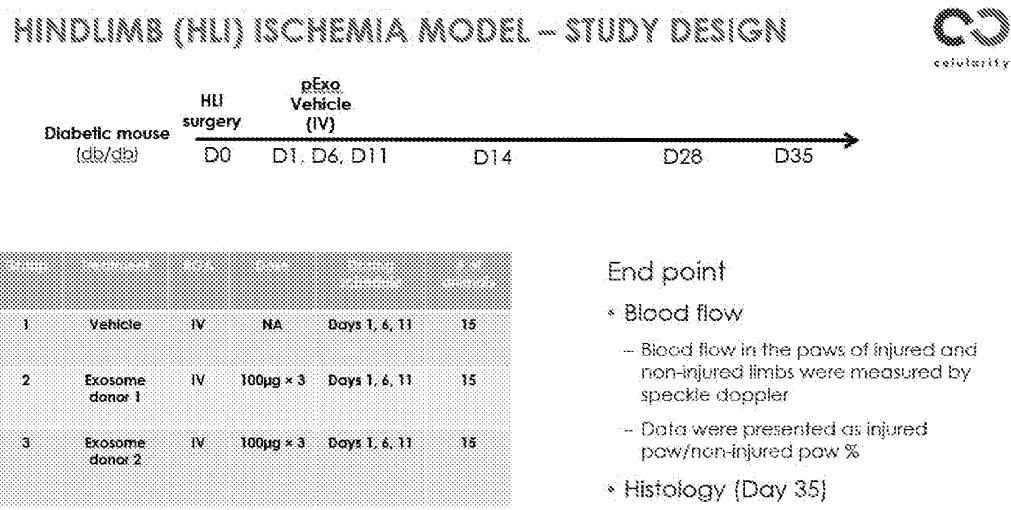


FIG. 37

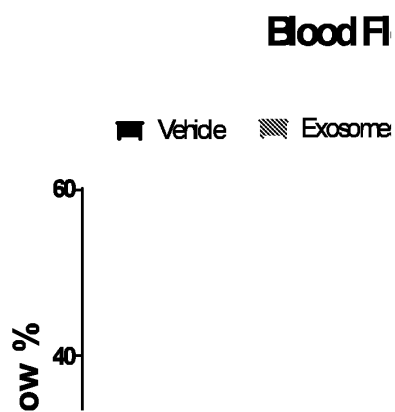


FIG. 38

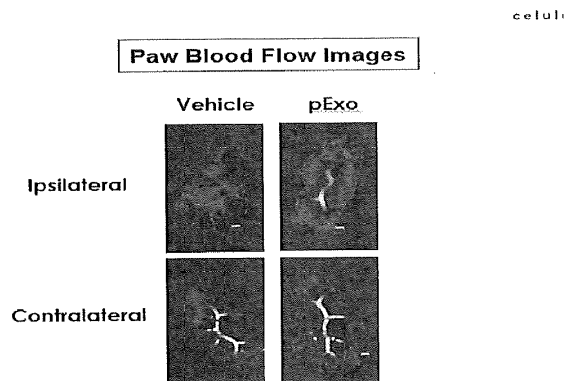


FIG. 39



FIG. 40

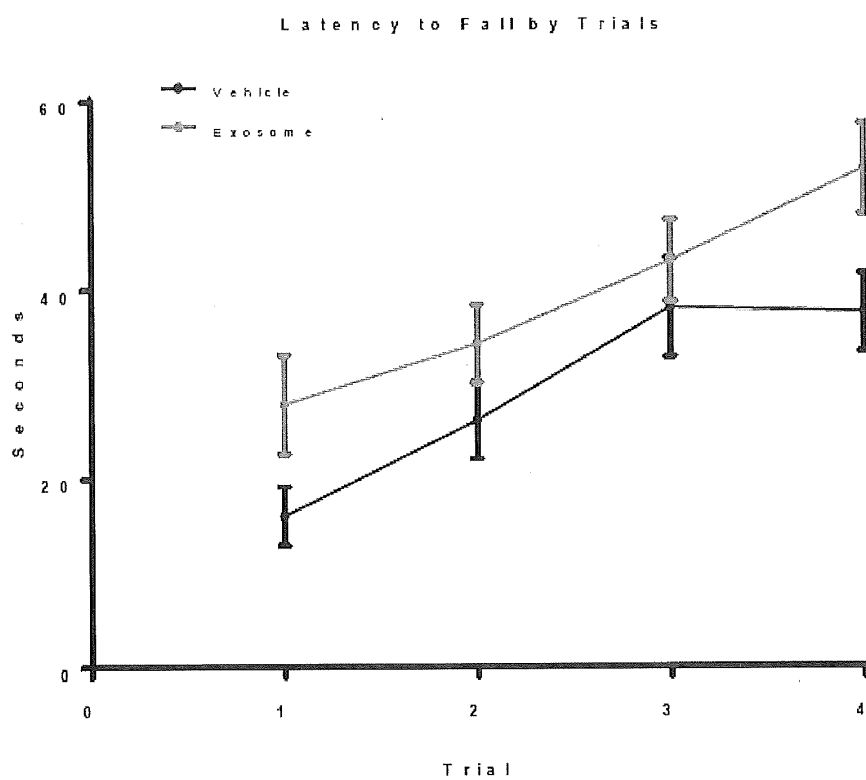


FIG. 41

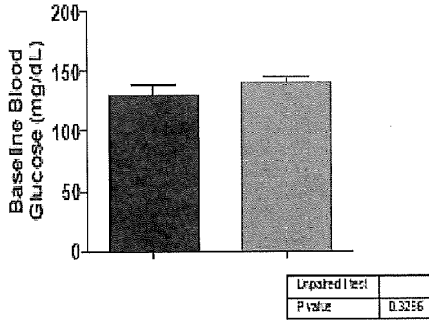
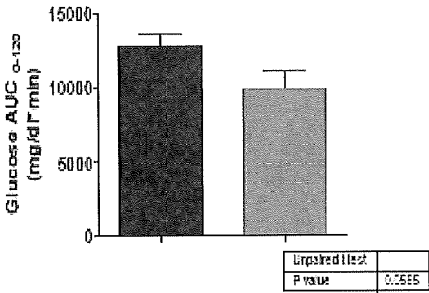
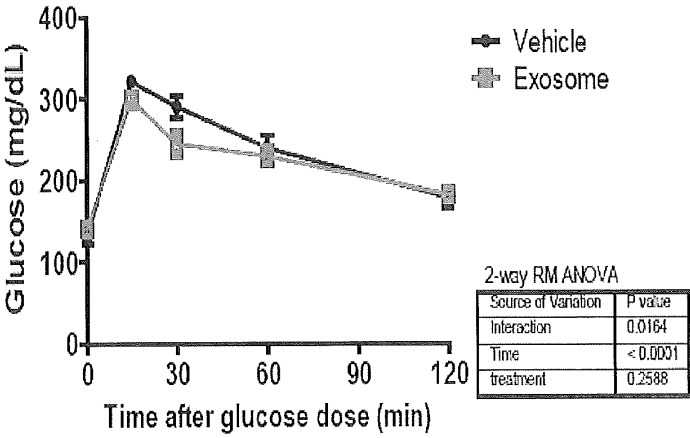


FIG. 42

Group	Treatment	Dosing schedule for Exosomes	# of NCG animals	PBMC Cell number and injection	POA
1	HuPBMCs +PBS	Day7	6	30M/Day0	IV
2	HuPBMCs+Exosomes	Day7	6	30M/Day0	IV
3	HuPBMCs+Exosomes	Days7, 14, 21	6	30M/Day0	IV

FIG. 43

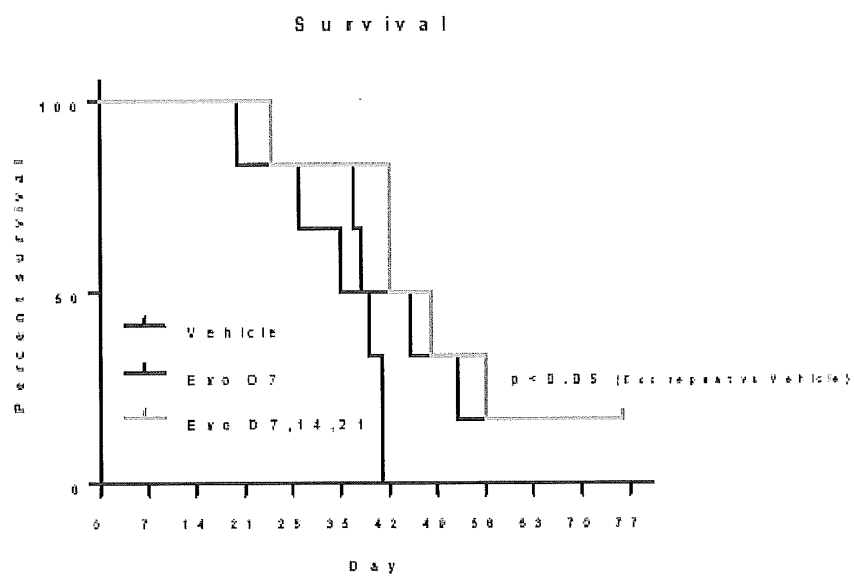


FIG. 44

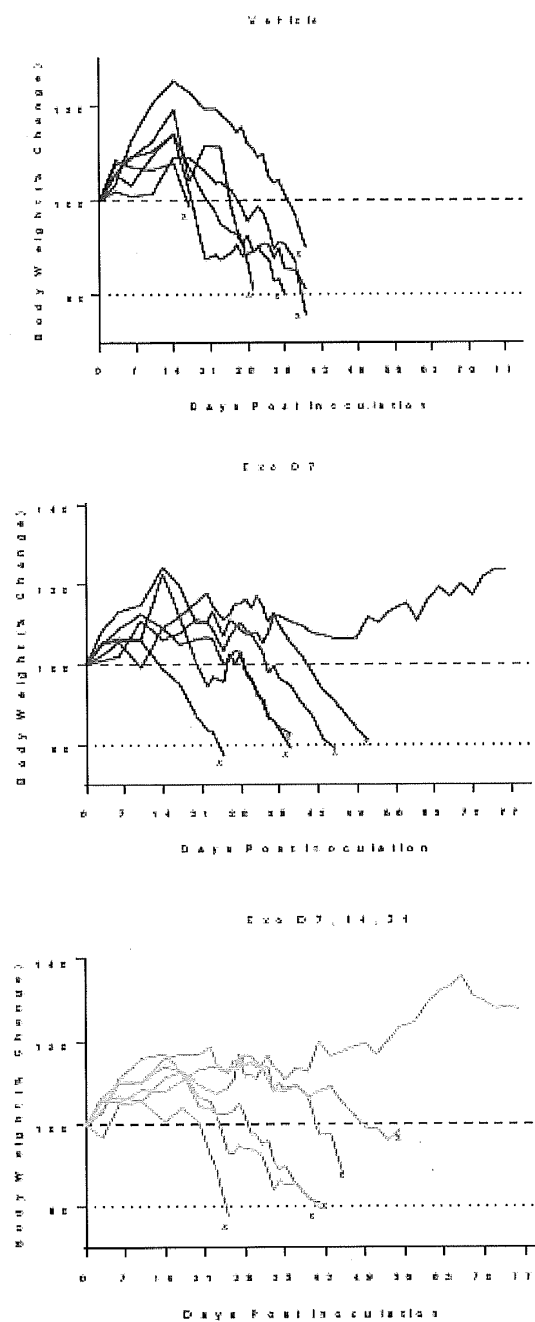


FIG. 45

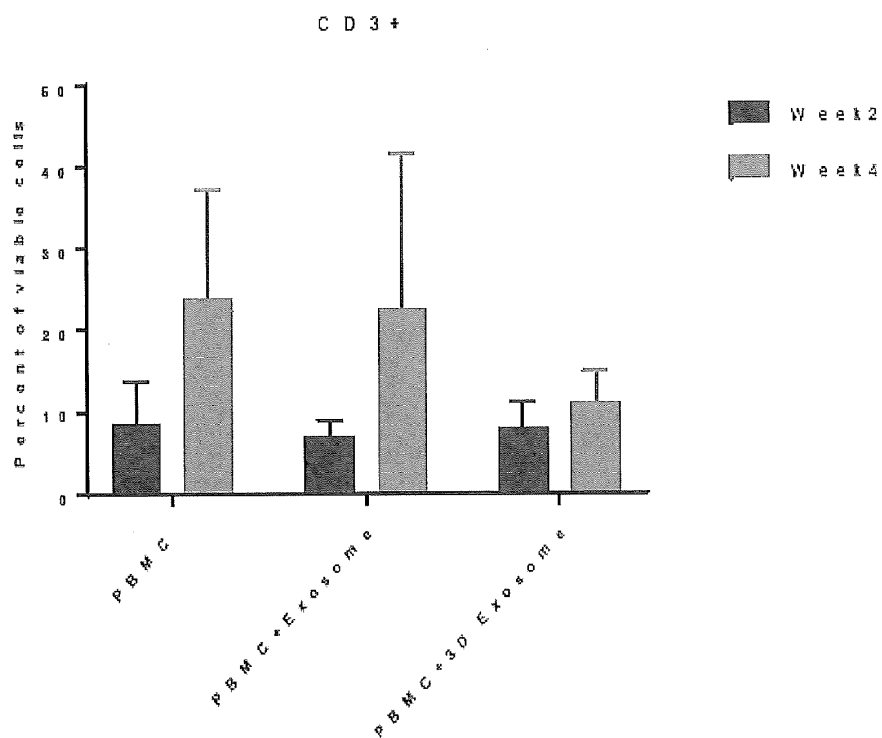


FIG. 46

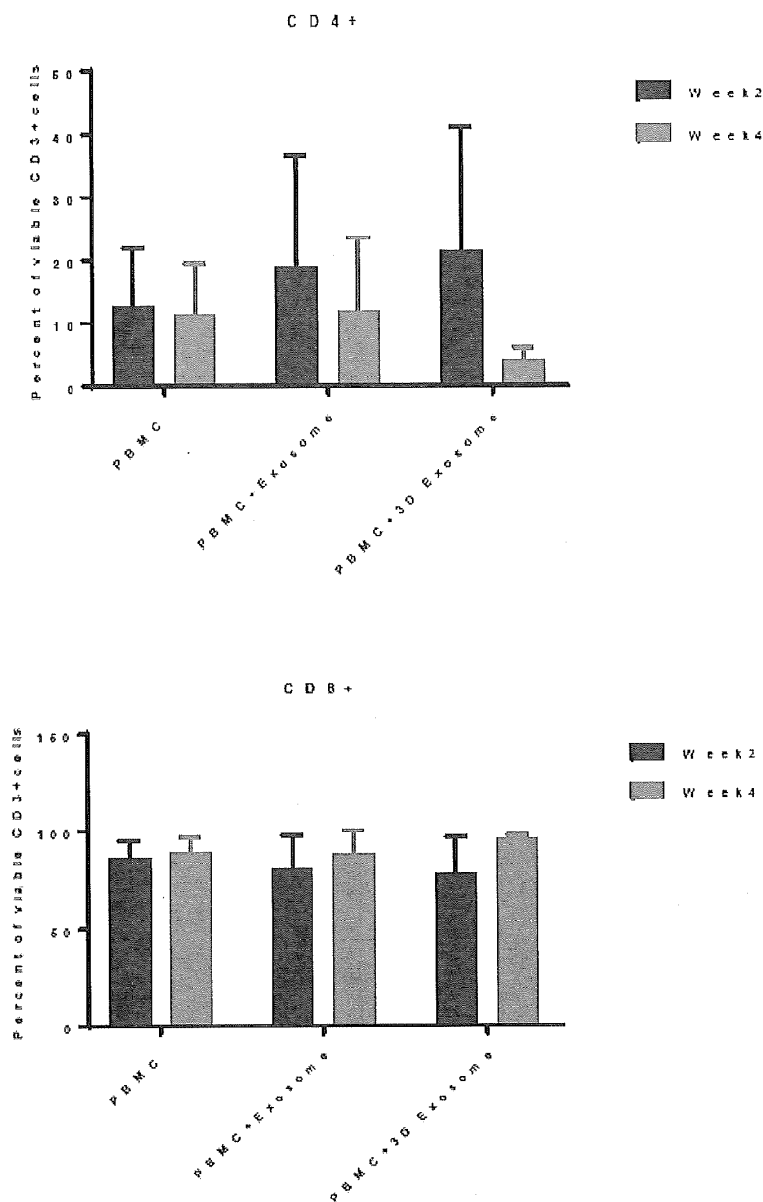
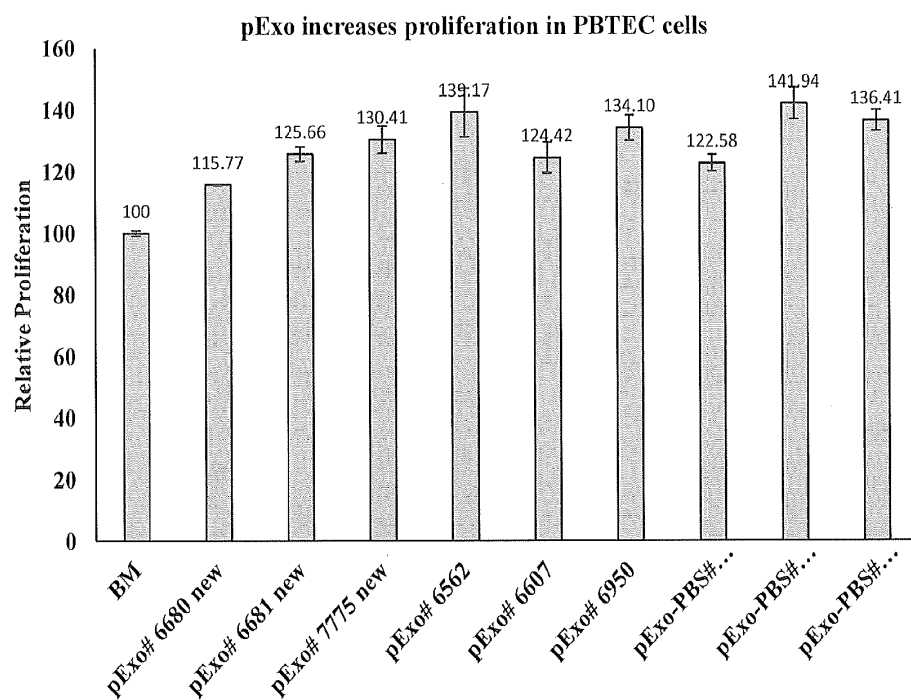
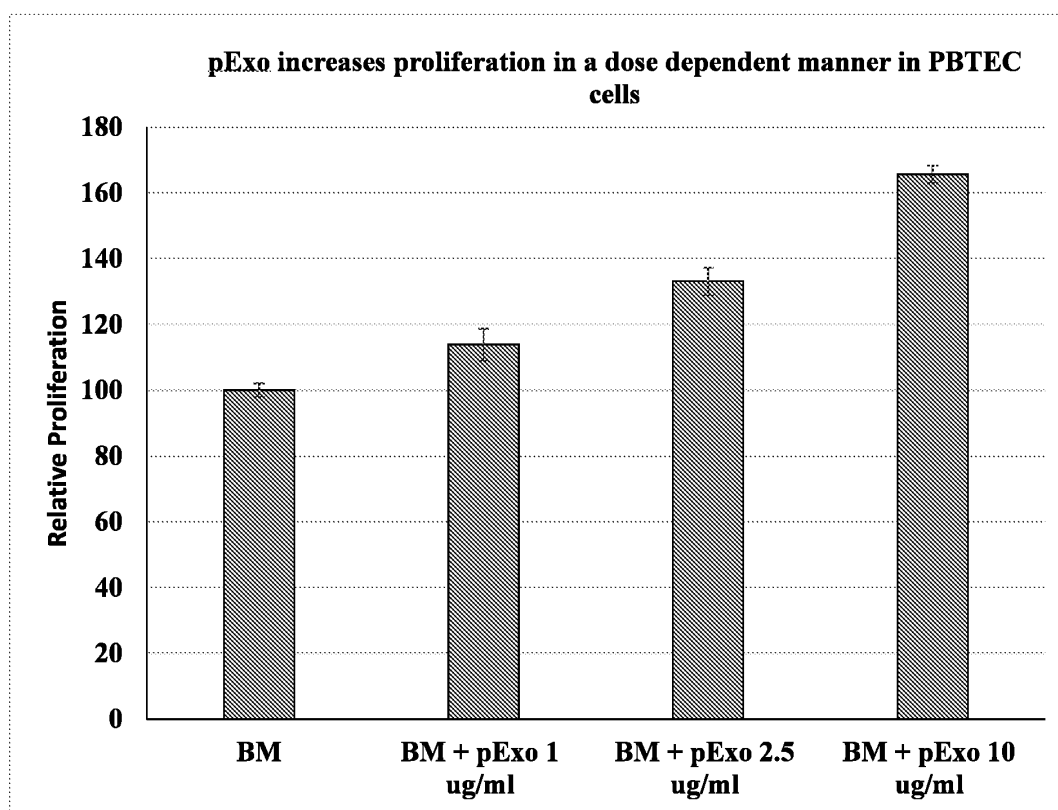


FIG. 47

**FIG. 48**

**FIG. 49**