FIG. 1

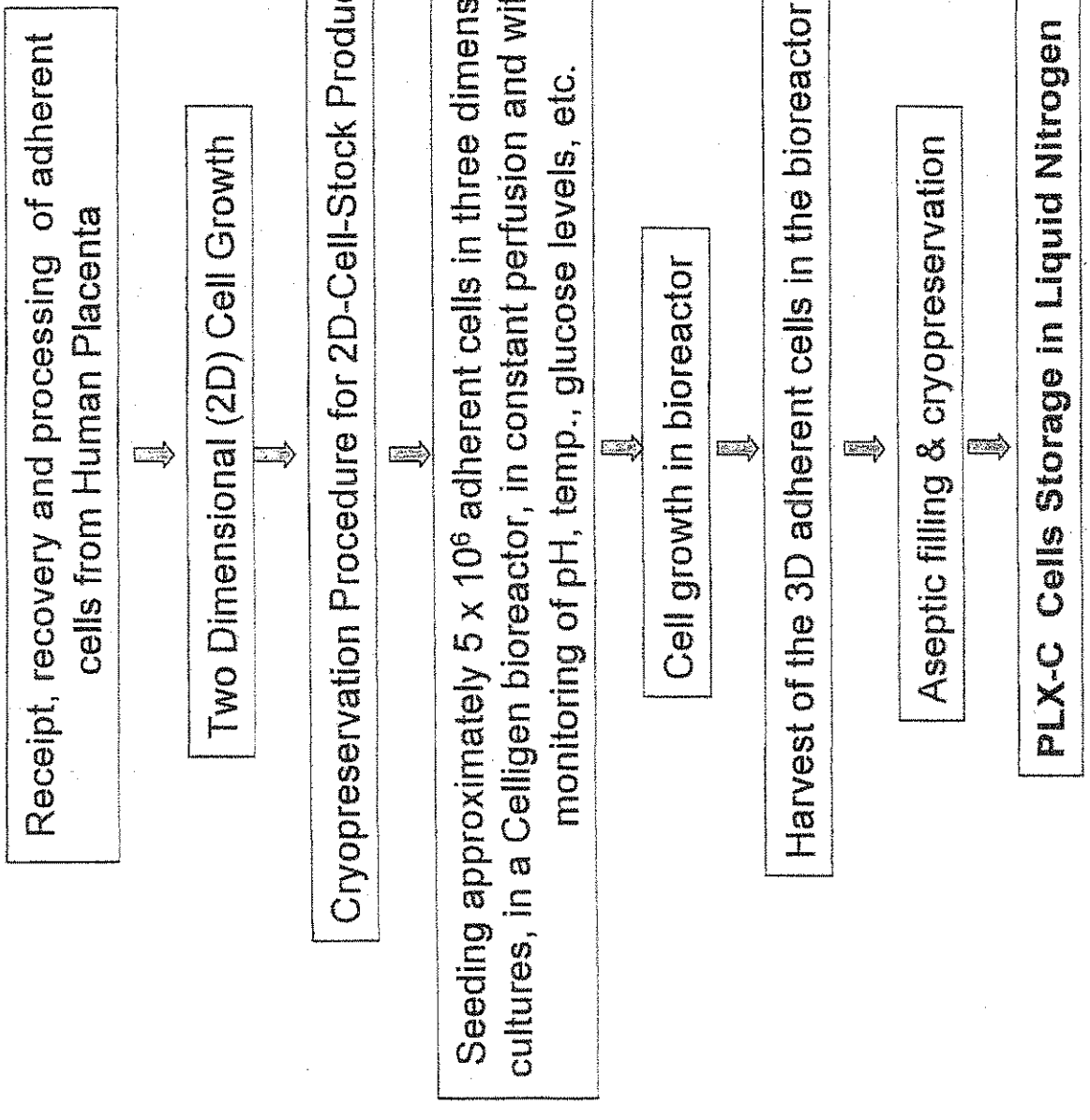
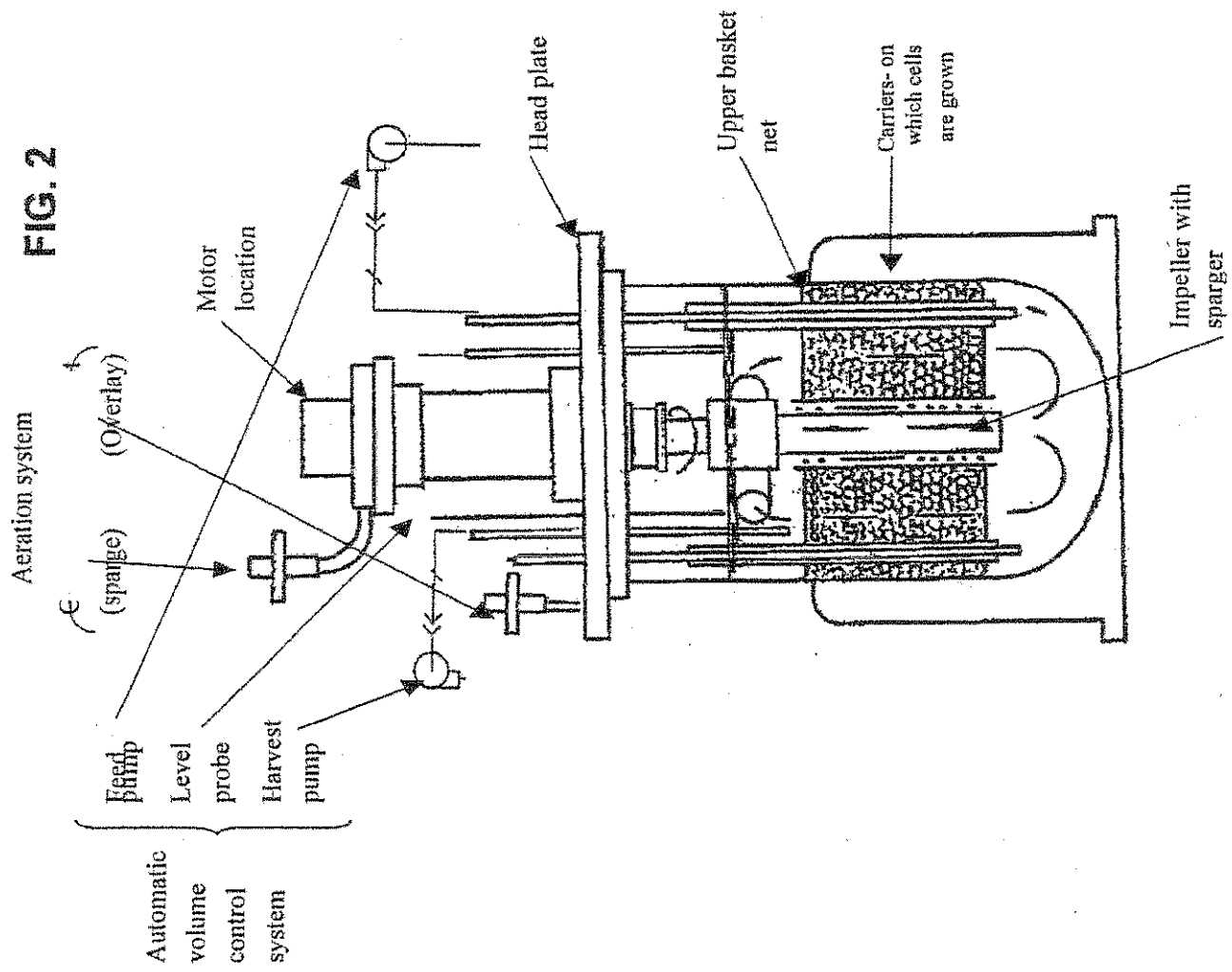
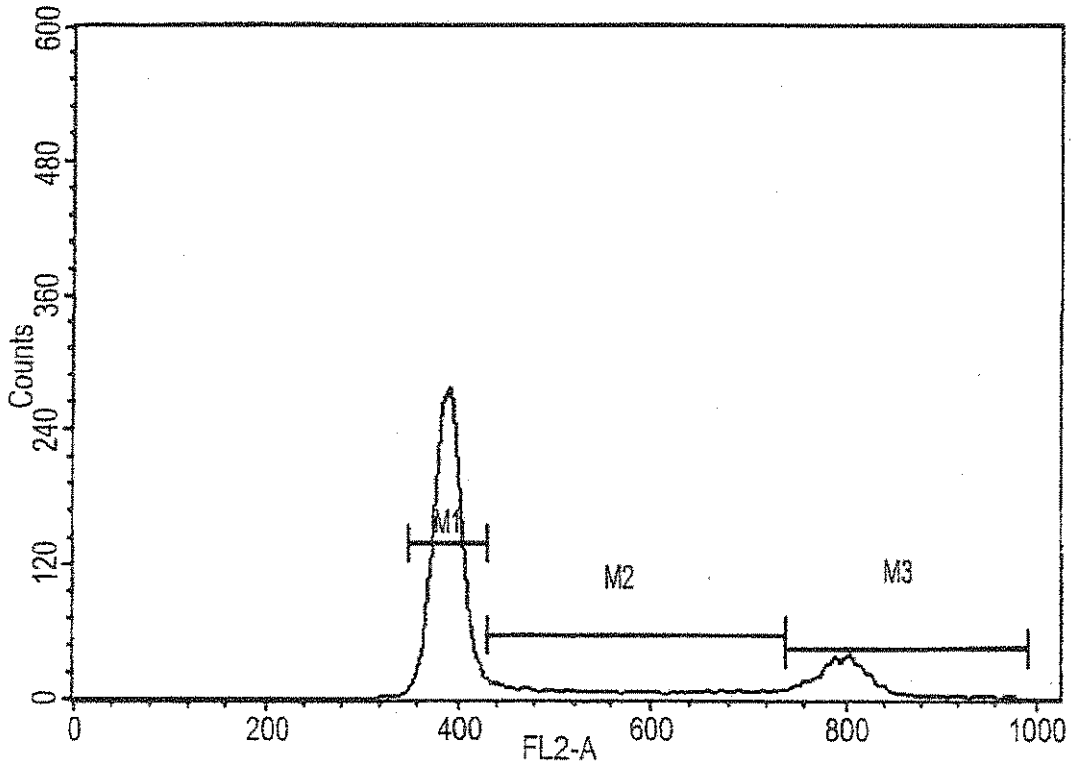

Receipt, recovery and processing of adherent cells from Human Placenta
Two Dimensional (2D) Cell Growth
Cryopreservation Procedure for 2D-Cell-Stock Product
Seeding approximately 5 x 10⁶ adherent cells in three dimensional (3D) cultures, in a Celligen bioreactor, in constant perfusion and with constant monitoring of pH, temp., glucose levels, etc.
Cell growth in bioreactor
Harvest of the 3D adherent cells in the bioreactor
Aseptic filling & cryopreservation
PLX-C Cells Storage in Liquid Nitrogen

FIG. 2


Aeration system
(sparge)
(Overlay)
Motor location
Head plate
Upper basket net
Carriers- on which cells are grown
Impeller with sparger
Automatic volume control system
Feed pump
Level probe
Harvest pump



Histogram Statistics

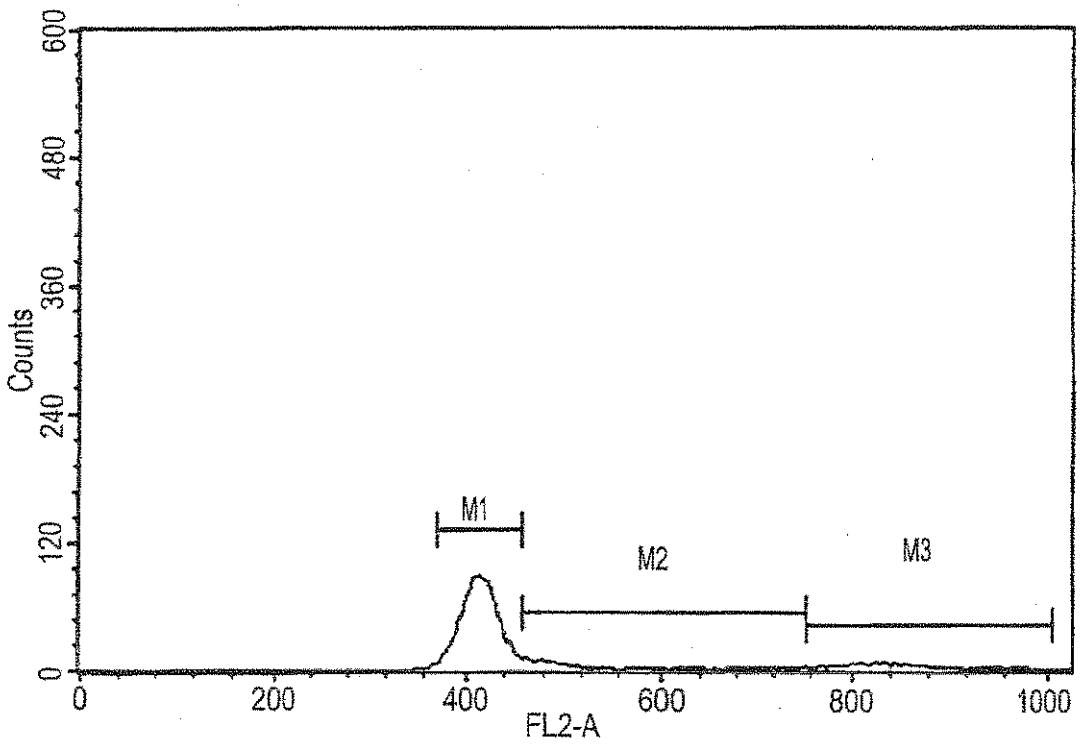
Sample ID:
Patient Name:

Log Data Units: Linear Values
Patent ID:
Case Number:
Gate: G1
Total Events: 15750

Gated Events: 13860
X Parameter: FL2-A (Linear)

Marker	Left,	Right	Events	%Gated	%Total	Mean	Geo Mean	CV	Median	Peak Ch
All	0,	1023	13860	100.00	88.00	485.37	463.42	33.41	397.00	393
M1	347,	430	9447	68.16	59.98	388.49	388.23	3.71	389.00	393
M2	430,	738	1958	14.13	12.43	570.70	562.60	16.86	563.00	437
M3	788,	991	2422	17.47	15.38	798.57	797.80	4.46	796.00	797

FIG. 3A



Histogram Statistic

Log Data Units: Linear Values

Sample ID:
Patient Name:

Patient ID:
Case Number:
Gate: G1

Gated Events: 5202
X Parameter: FL2-A (Linear)

Total Events: 15420

Marker	Left, Right	Events	%Gated	%Total	Mean	Geo Mean	CV	Median	Peak Ch
All	0, 1023	5202	100.00	33.74	474.23	458.74	29.62	419.00	413
M1	370, 457	3944	76.82	25.58	413.33	412.96	4.24	413.00	413
M2	457, 752	597	11.48	3.87	538.87	531.96	16.91	494.00	464
M3	752, 1005	591	11.36	3.83	833.73	832.39	5.75	827.00	829

FIG. 3B

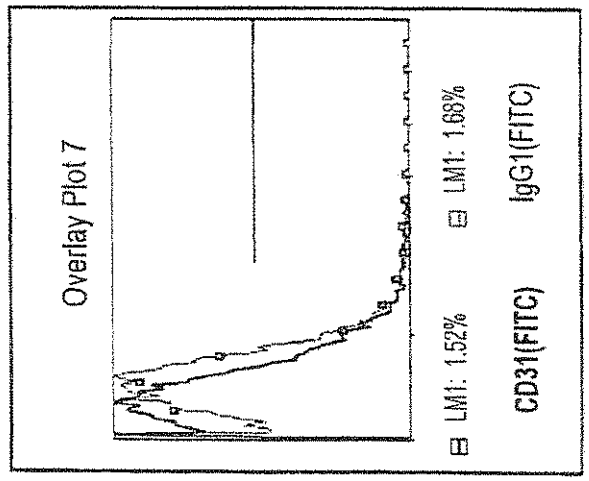


FIG. 4A

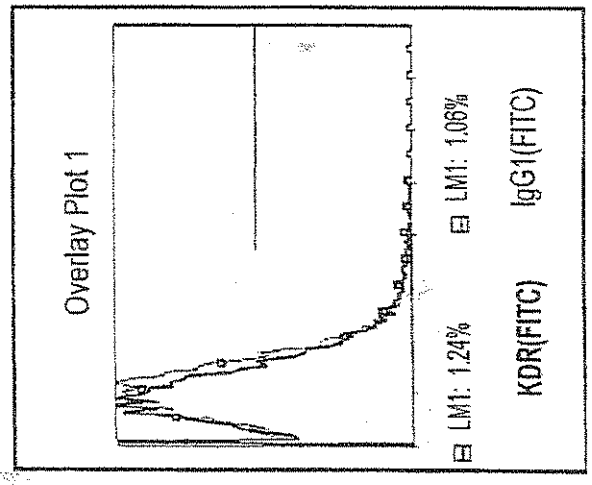


FIG. 4B

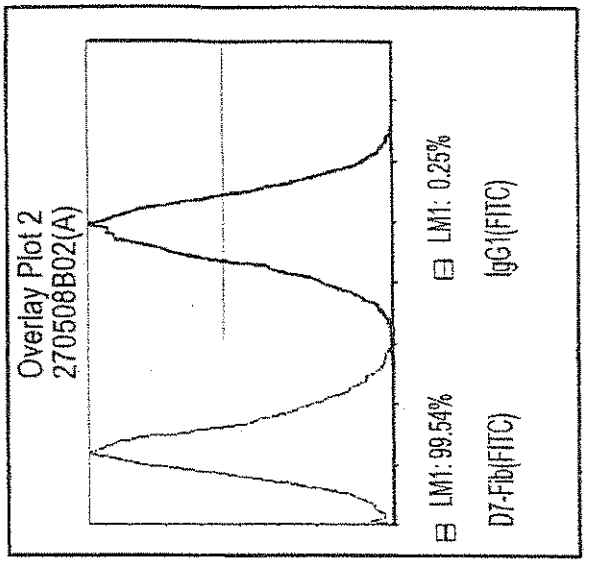
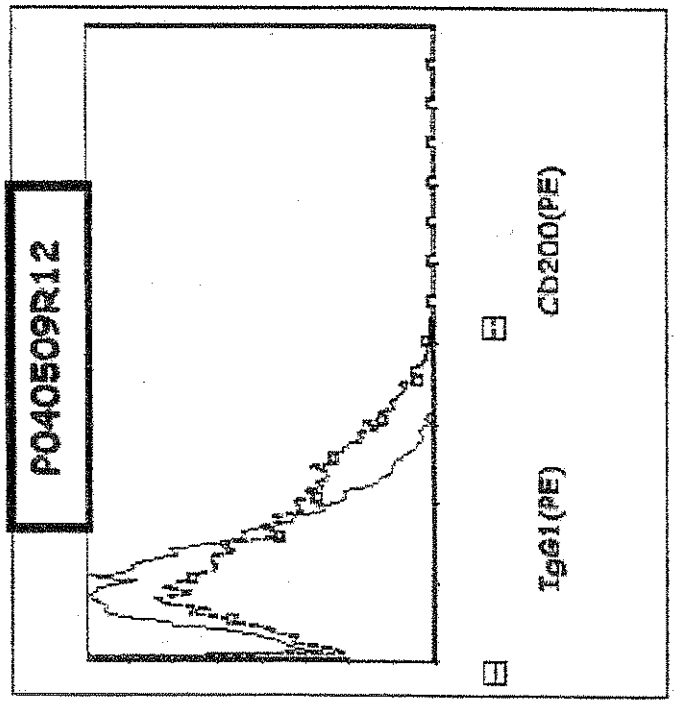


FIG. 4C

FIG. 4D



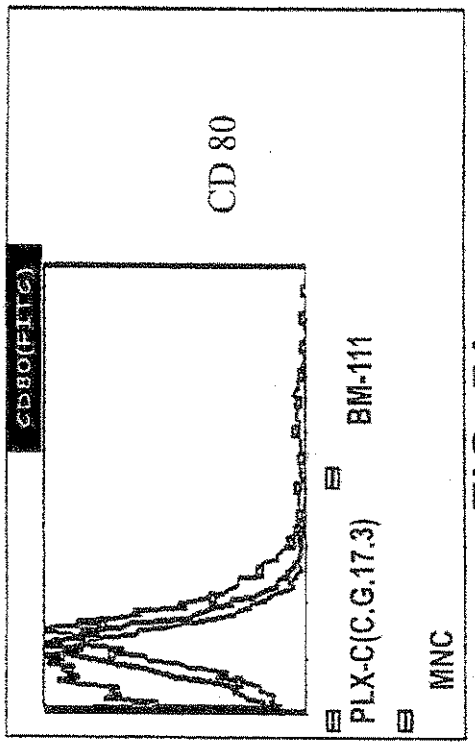


FIG. 5A

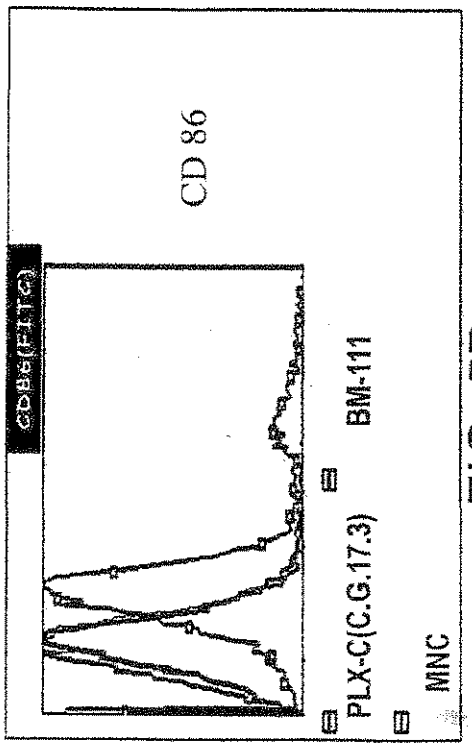


FIG. 5B

FIG. 5C

FIG. 5D

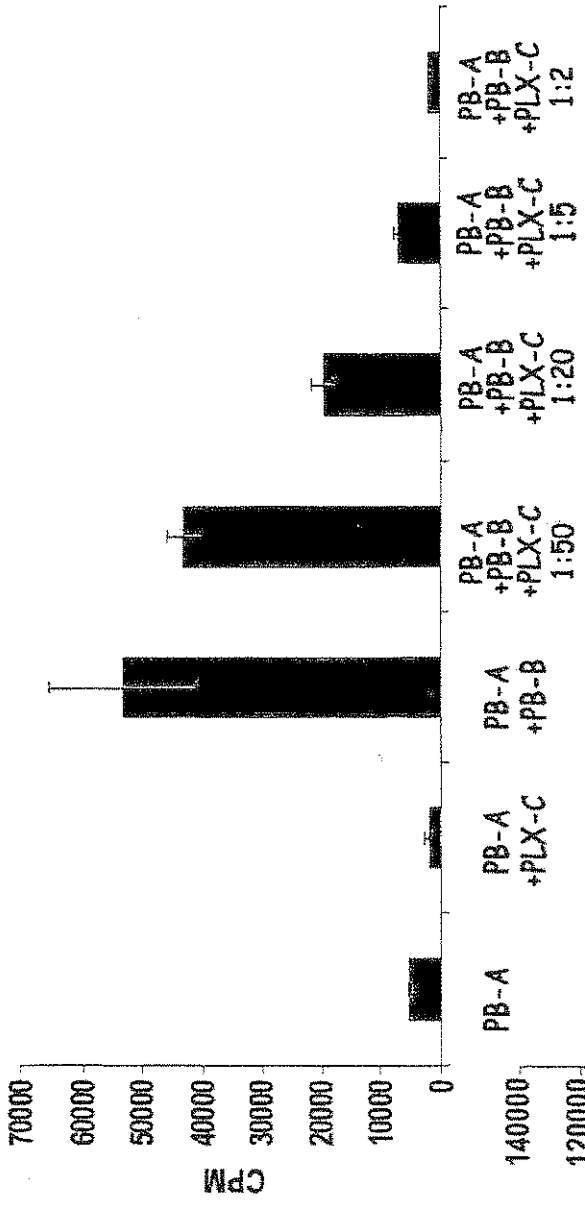

70000
60000
50000
40000
30000
20000
10000
0
CPM
PB-A
PB-A +PLX-C
PB-A +PB-B
PB-A +PB-B +PLX-C 1:50
PB-A +PB-B +PLX-C 1:20
PB-A +PB-B +PLX-C 1:5
PB-A +PB-B +PLX-C 1:2

FIG. 6A

140000
120000
100000
80000
60000
40000
20000
0
CPM
PB Cont
PLX-C
PB+ConA
PB+ConA+1:10 PLX-C
PB+ConA+1:2 PLX-C

FIG. 6B

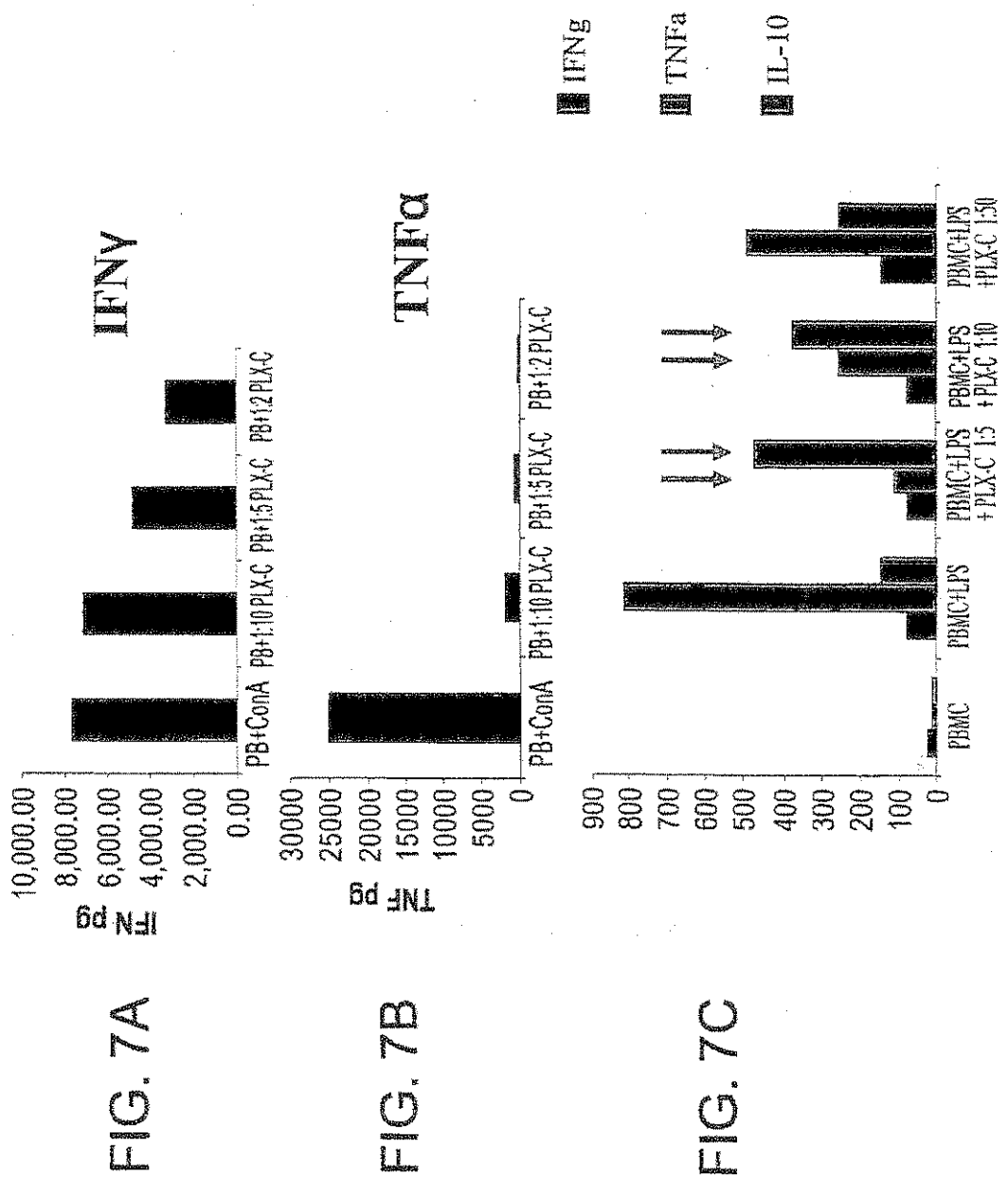
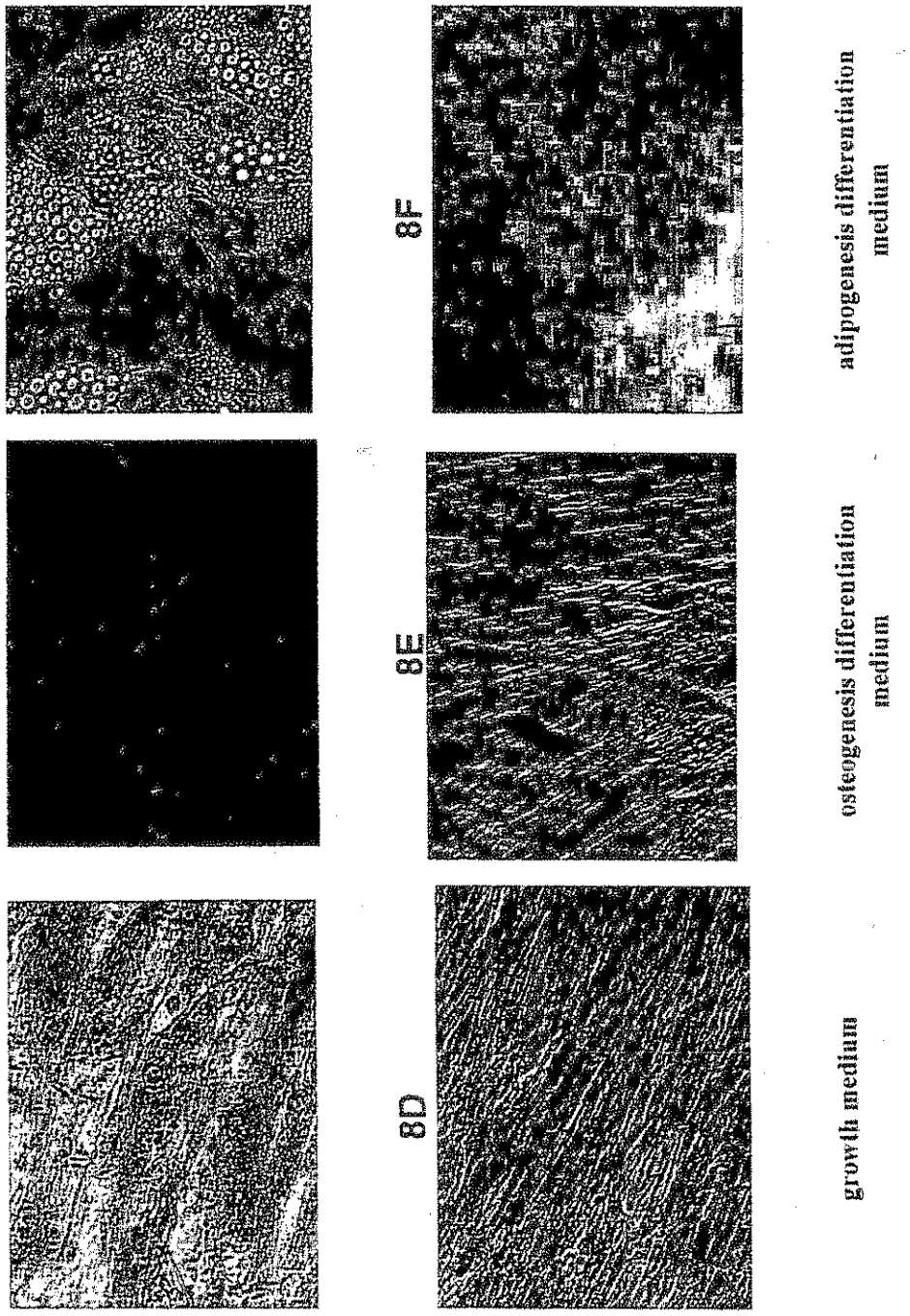


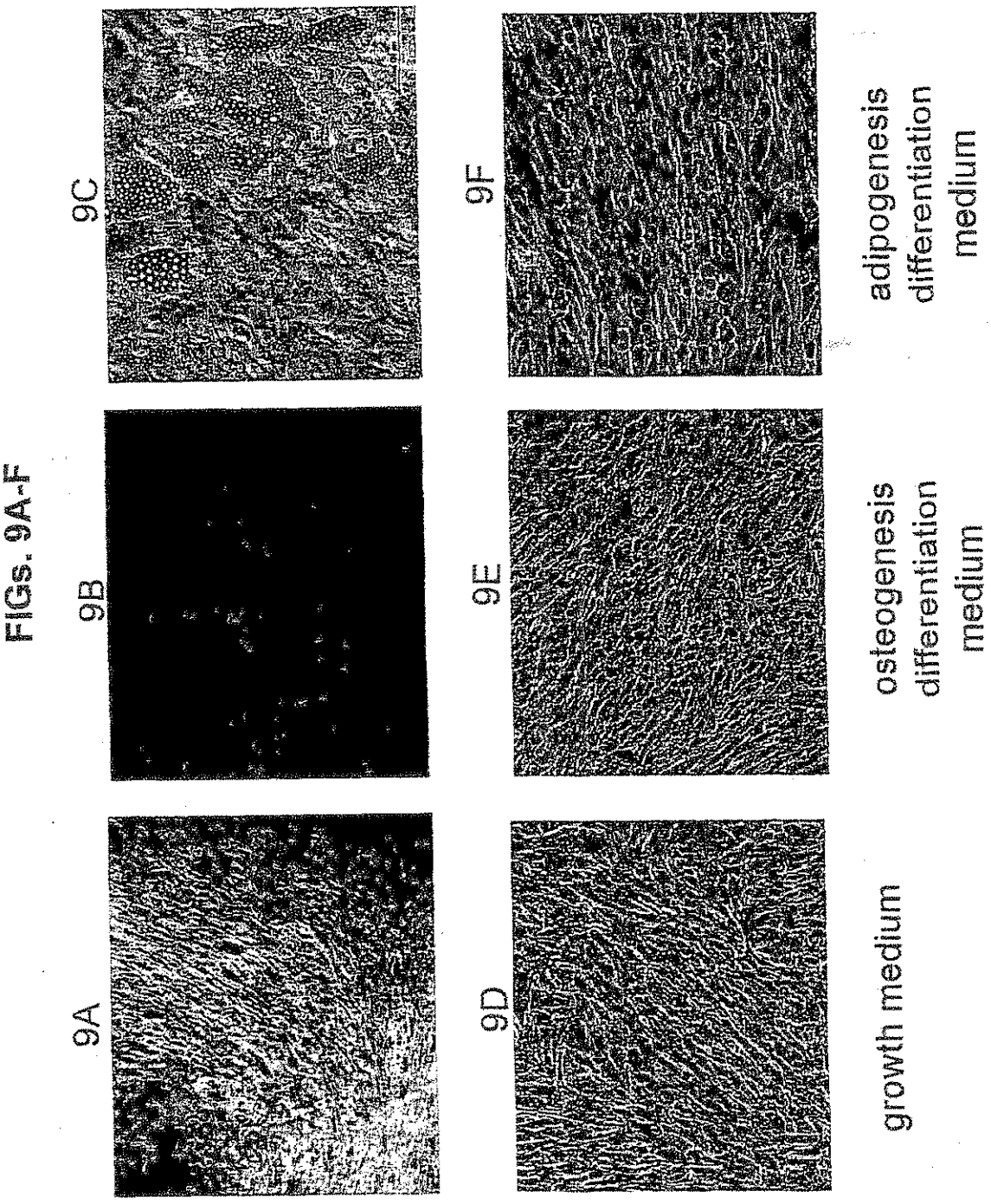
FIG. 7A

FIG. 7B

FIG. 7C

FIGs. 8A-F


8A
8B
8C
8D
8E
8F
growth medium
osteogenesis differentiation medium
adipogenesis differentiation medium


9A
9B
9C
9D
9E
9F
growth medium
osteogenesis differentiation medium
adipogenesis differentiation medium

FIGs. 9A-F

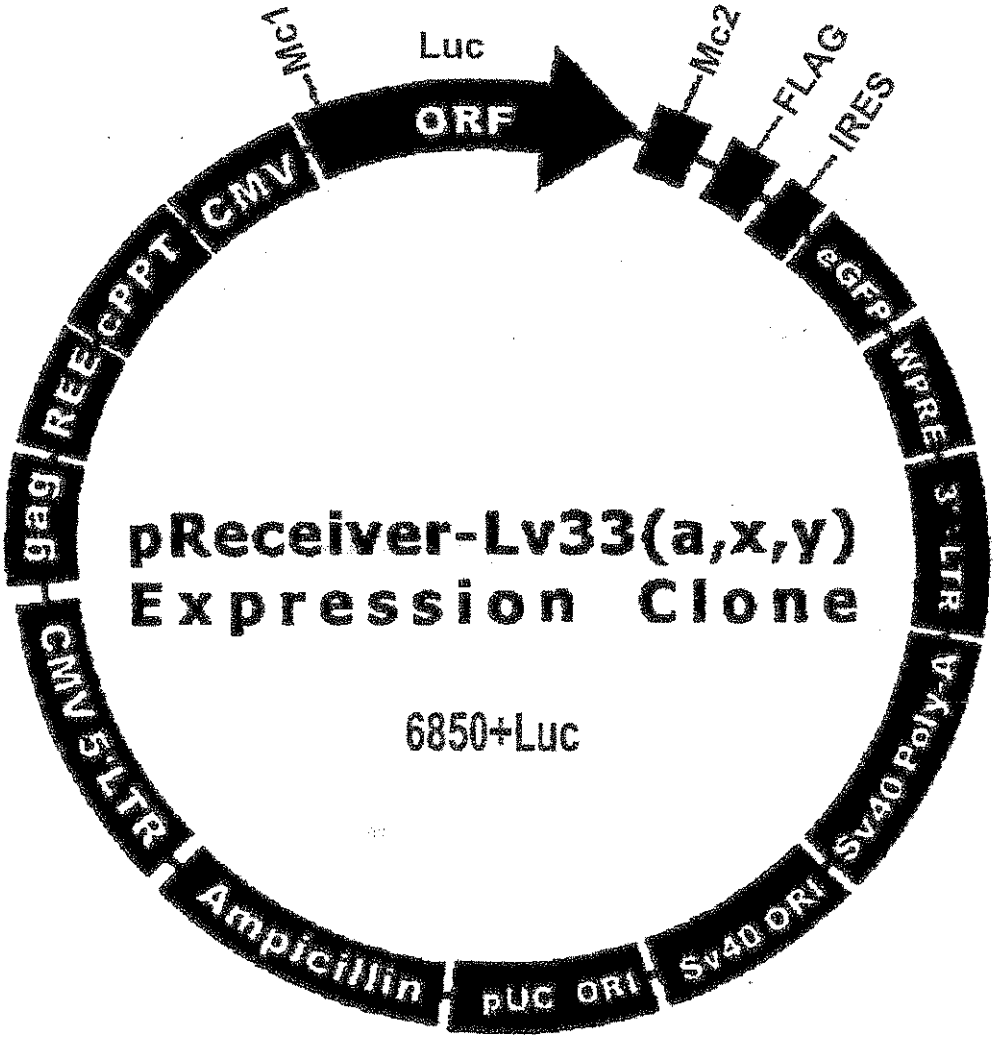

Mc1
Luc
ORF
Mc2
FLAG
IRES
eGFP
WPRE
3' LTR
A-tail
SV40 PolyA
SV40 ORI
pUC ORI
Ampicillin
CMV 5'LTR
gag
REZ
cPPT
CMV
pReceiver-Lv33(a,x,y)
Expression Clone
6850+Luc

FIG. 10

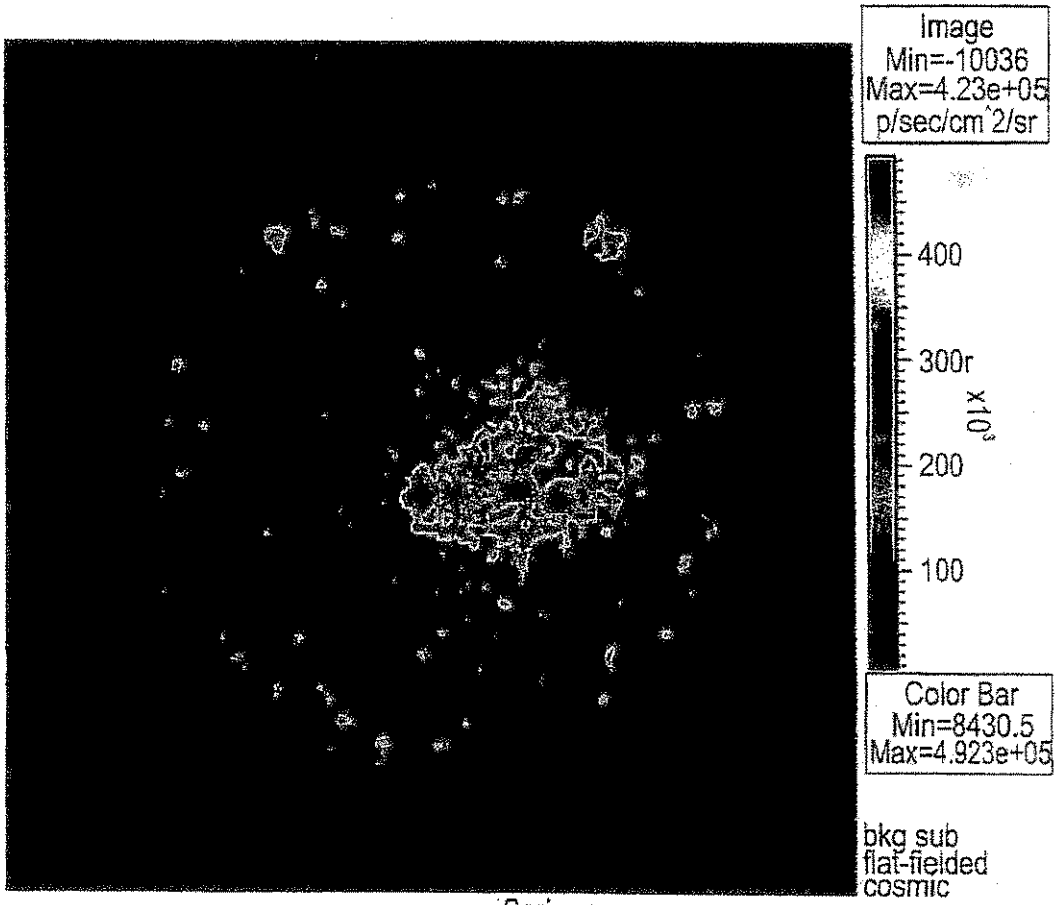

Image
Min=-10036
Max=4.23e+05
p/sec/cm^2/sr
400
300r
x10³
200
100
Color Bar
Min=8430.5
Max=4.923e+05
bkg sub
flat-fielded
cosmic
Em filter=Open
Bin:M (B), FOV13, f1, 1m
Camera: MS 23324, Spectral Instruments TE
Series:
Experiment PLC28PL
Label lentivirus infection
Comment Picture 1

FIG. 11

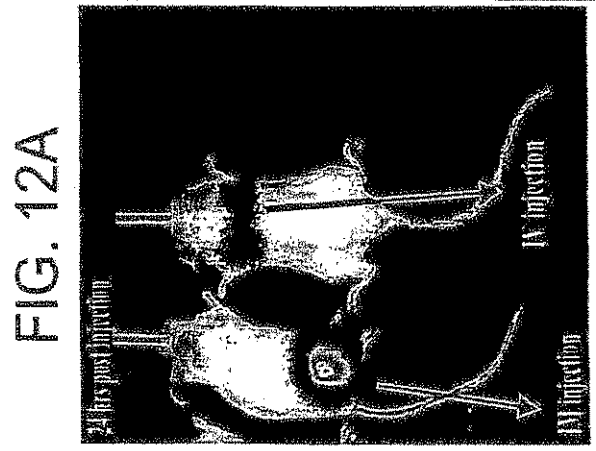


FIG. 12A

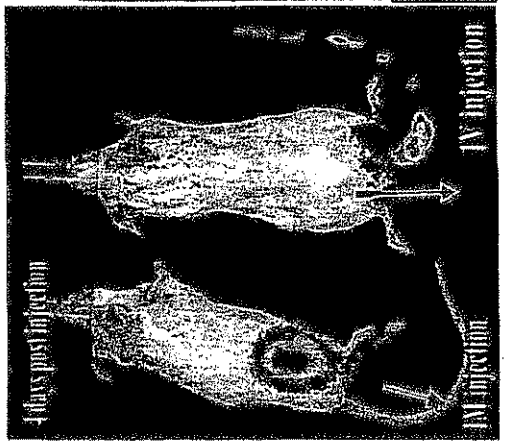


FIG. 12B

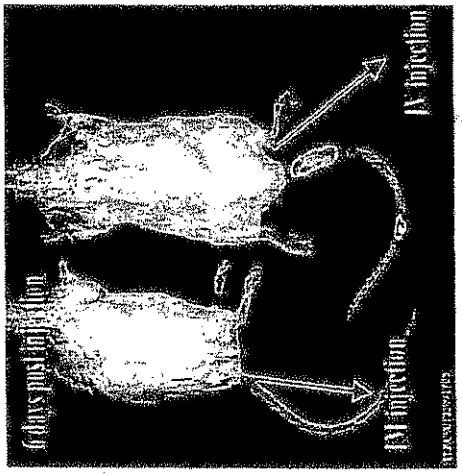


FIG. 12C

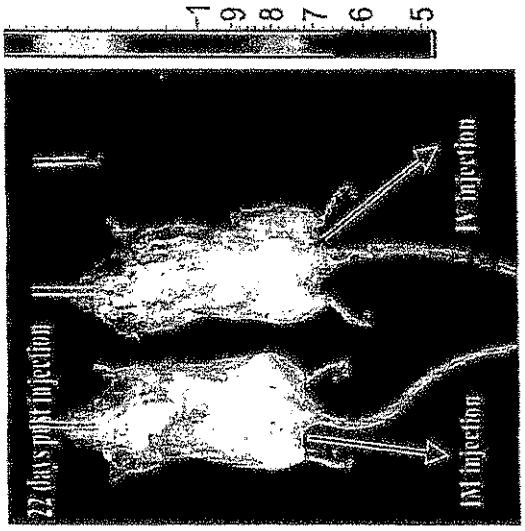


FIG. 12D