Fig. 1

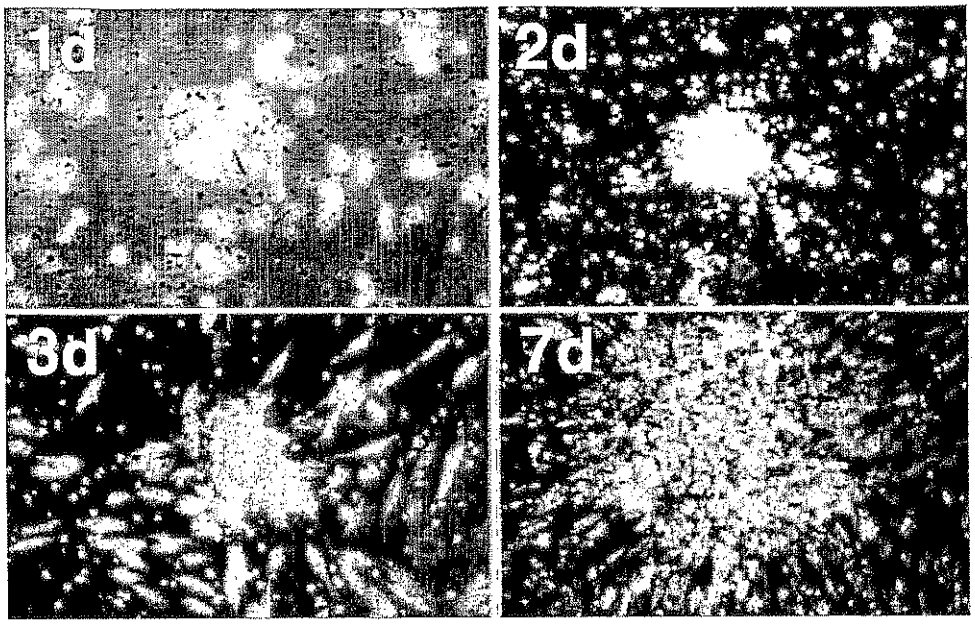


Fig. 2

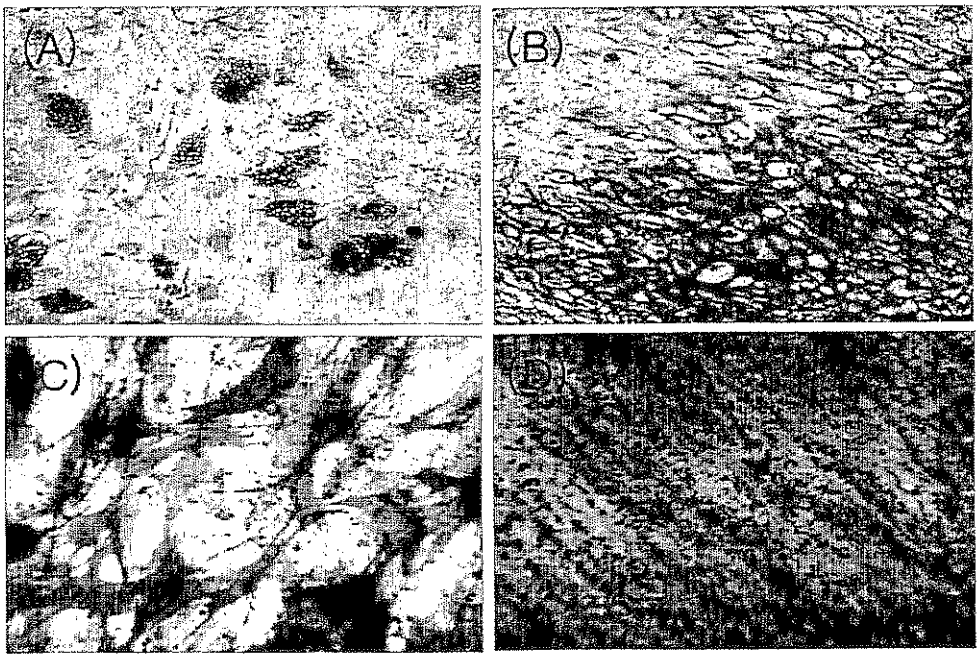


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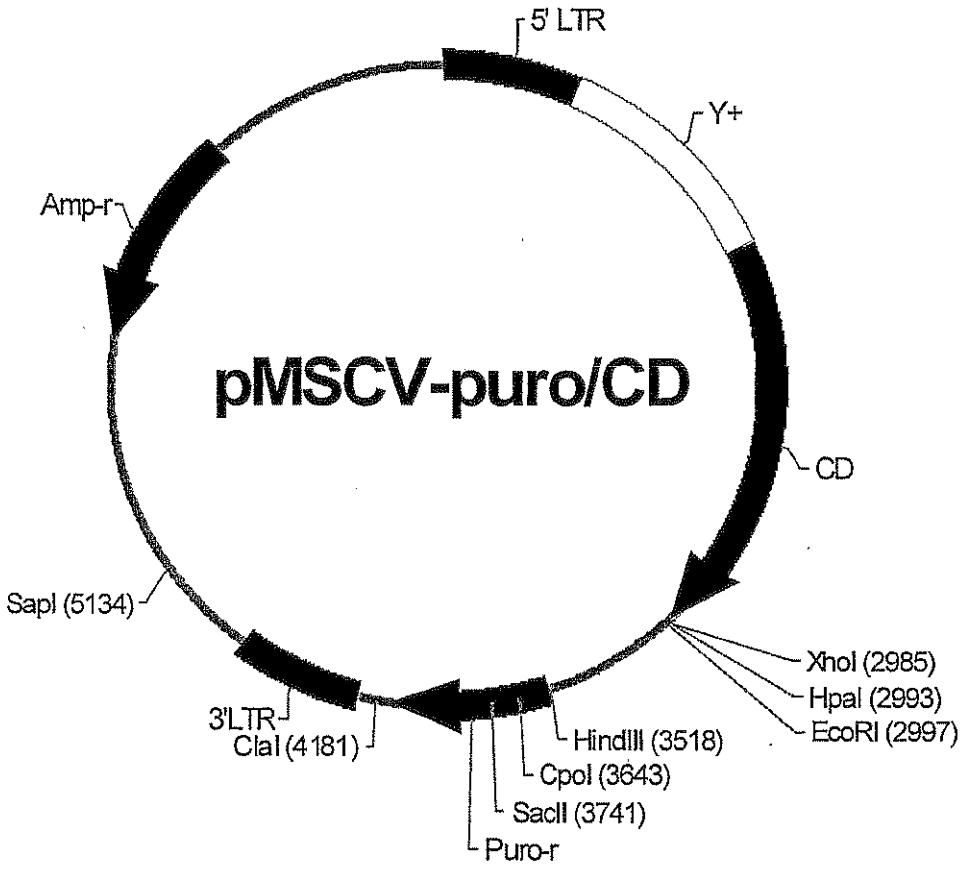

5' LTR
Y+
Amp-r
pMSCV-puro/CD
CD
SapI (5134)
XhoI (2985)
HpaI (2993)
EcoRI (2997)
3'LTR
ClaI (4181)
HindIII (3518)
CpoI (3643)
SacII (3741)
Puro-r

Fig. 4A

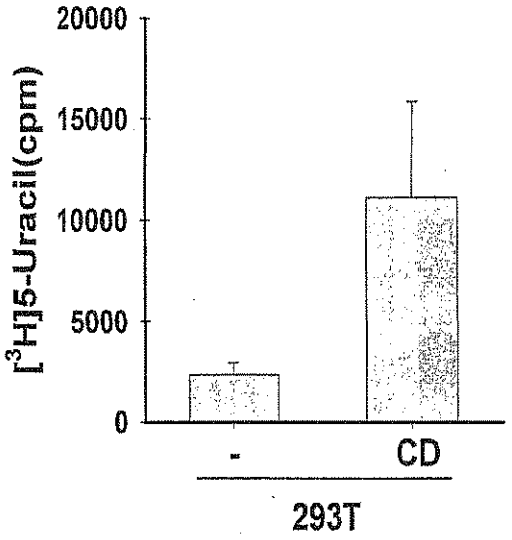


Fig. 4B

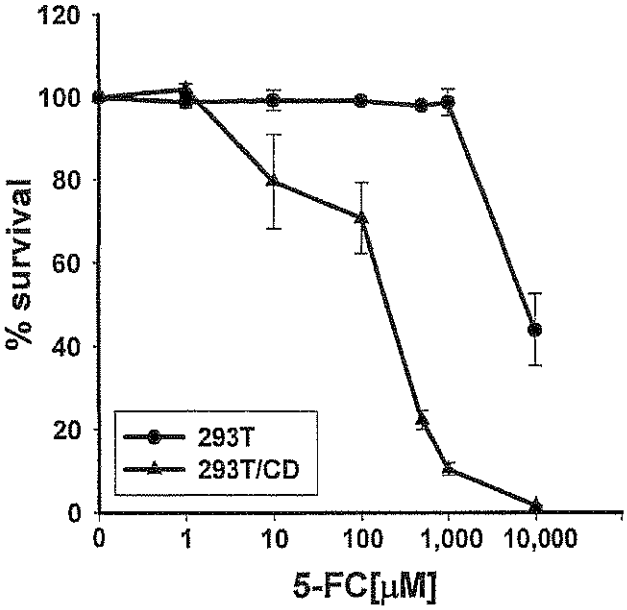


Fig. 4C

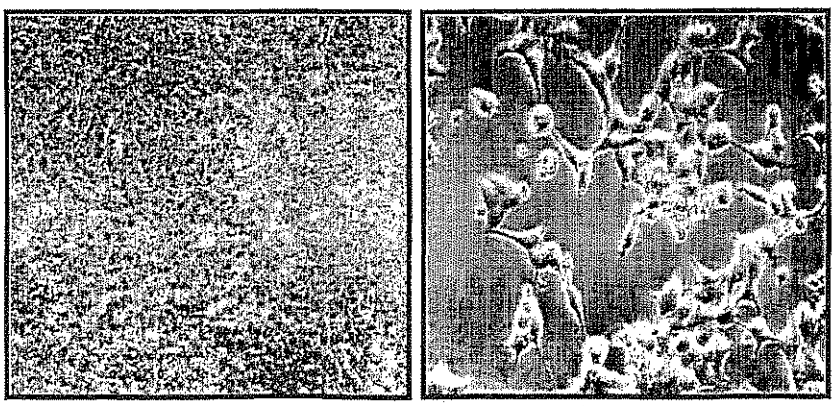


Fig. 5A

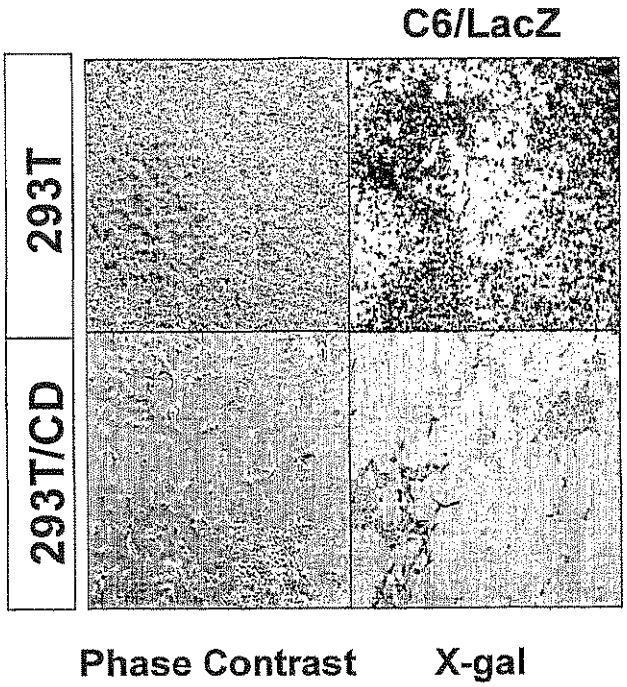

C6/LacZ
293T
293T/CD
Phase Contrast
X-gal

Fig. 5B

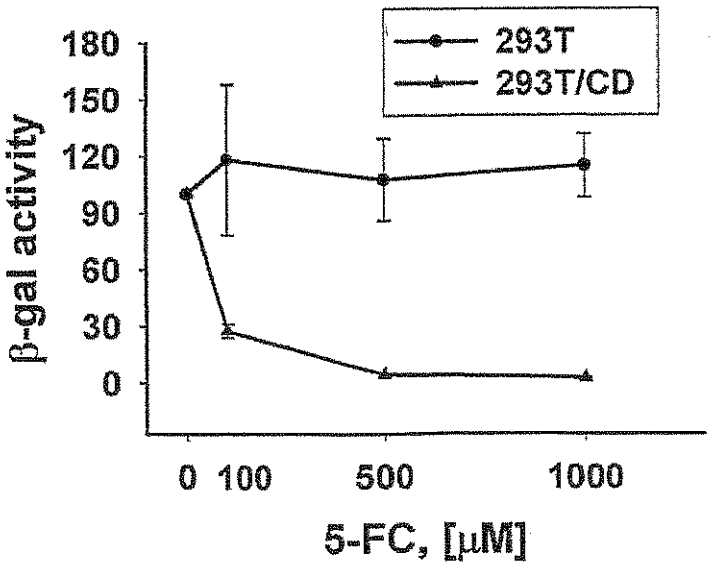

293T
293T/CD
β-gal activity
180
150
120
90
60
30
0
0
100
500
1000
5-FC, [μM]

Fig. 6A

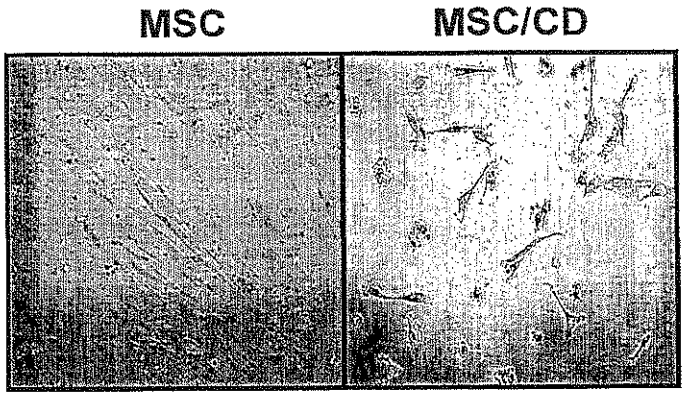

MSC
MSC/CD

Fig. 6B

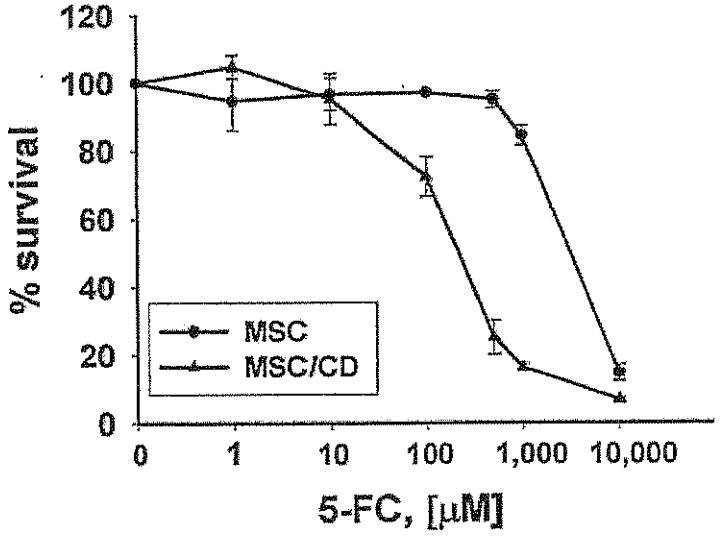

120
100
80
60
40
20
0
% survival
MSC
MSC/CD
0
1
10
100
1,000
10,000
5-FC, [μM]

Fig. 7A

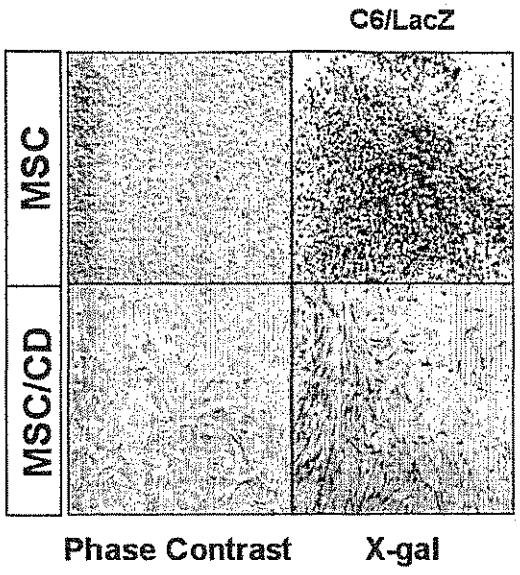


Fig. 7B

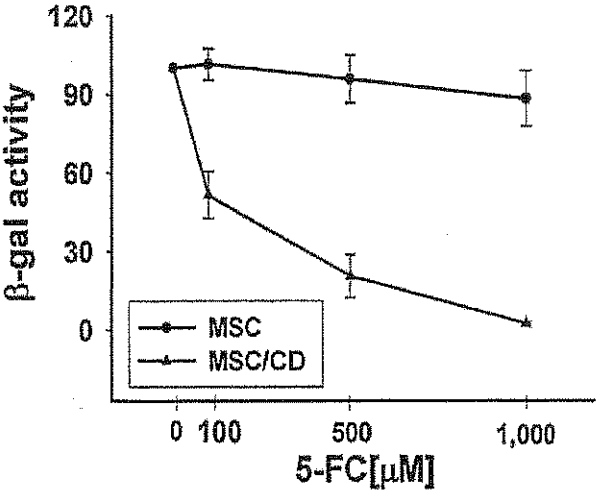


Fig. 7C

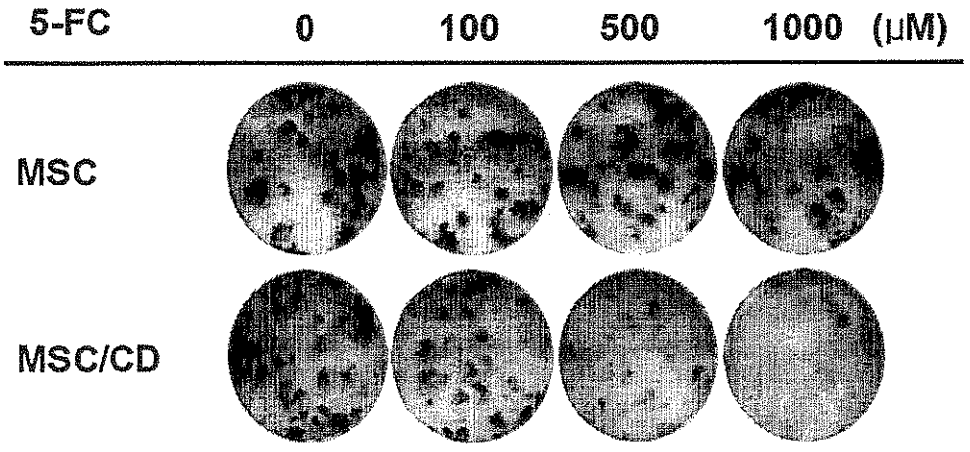


Fig. 8A

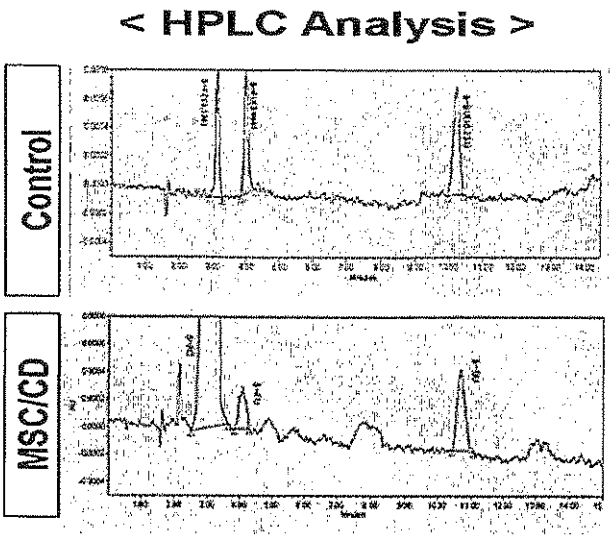


Fig. 8B

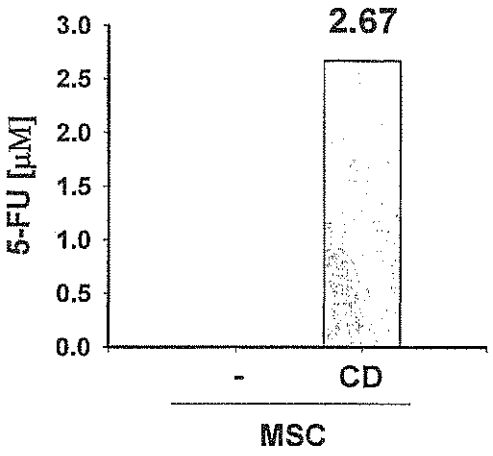


Fig. 9

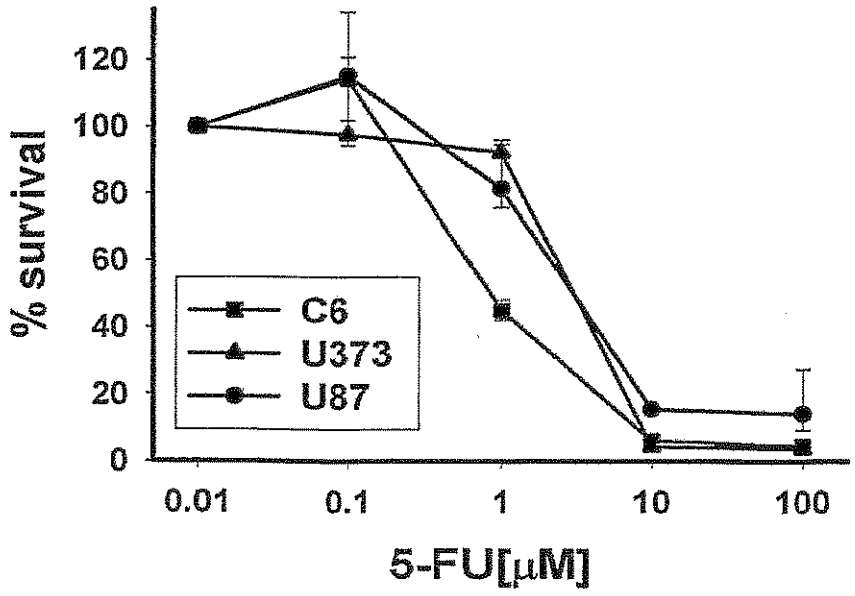


Fig. 10

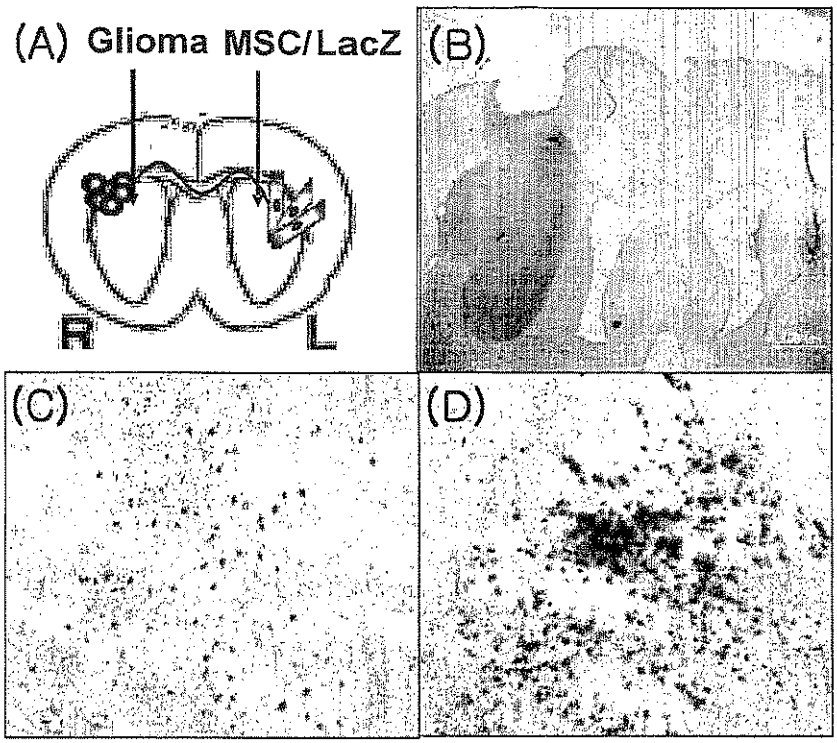
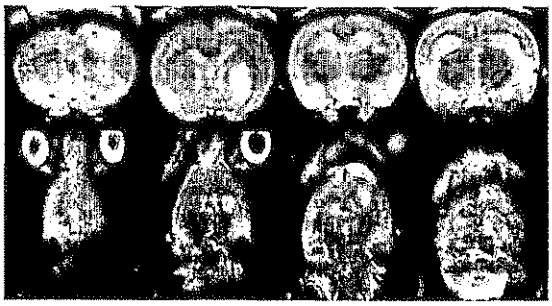
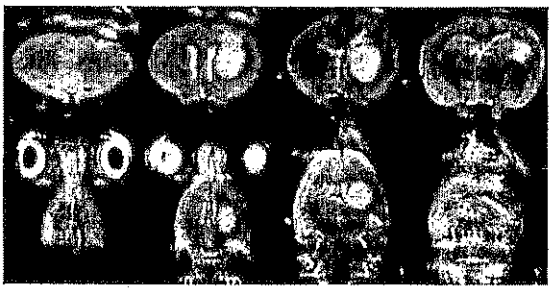


Fig. 11

C6/LacZ



C6/LacZ
+ MSC



C6/LacZ
+ MSC/CD

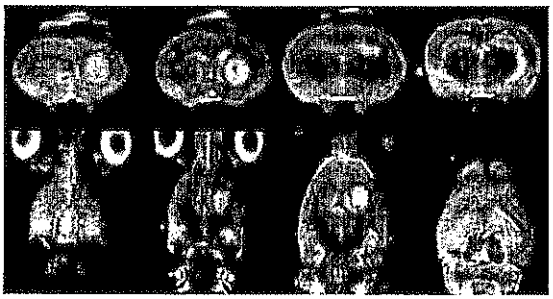
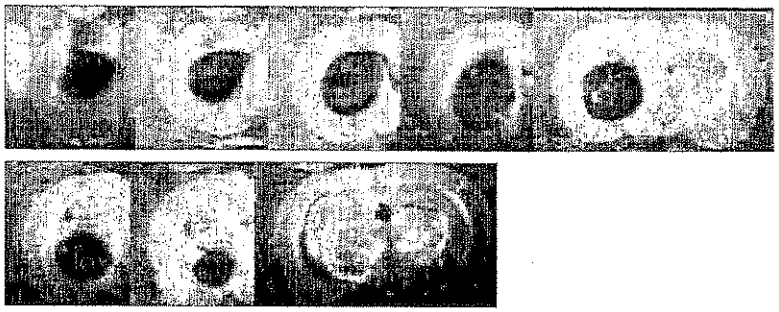


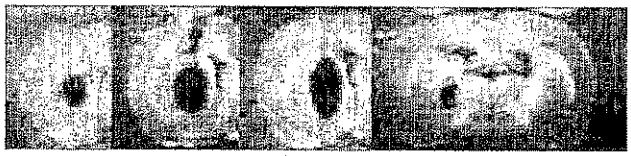
Fig. 12

X-gal stain

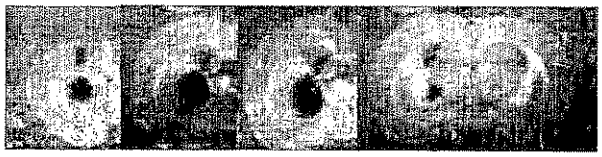
C6/LacZ



C6/LacZ
+ MSC



C6/LacZ
+ MSC/CD



SEQUENCE LISTING

<110> SUH, Hae-Young et al.

<120> USE OF MESENCHYMAL STEM CELLS GENETICALLY MODIFIED TO EXPRESS A SUICIDE GENE FOR TREATING A CANCER

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