Figure 1A

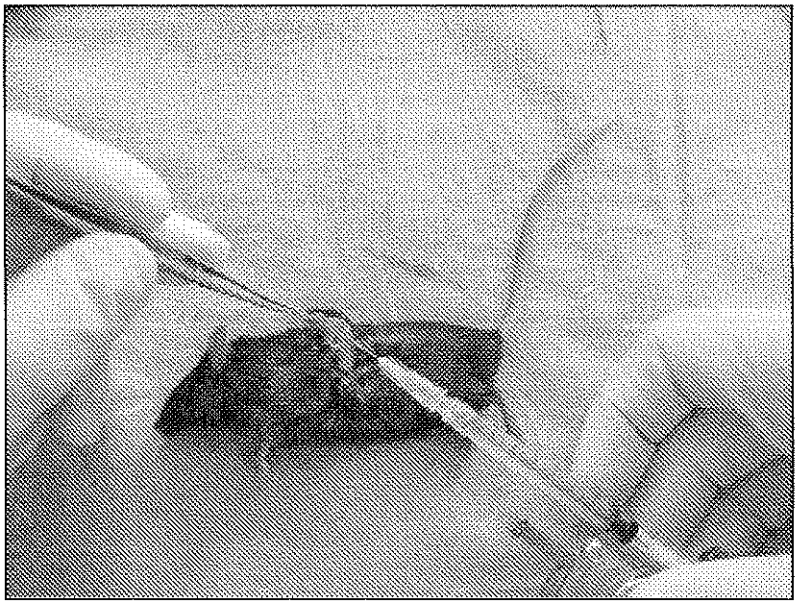


Figure 1B

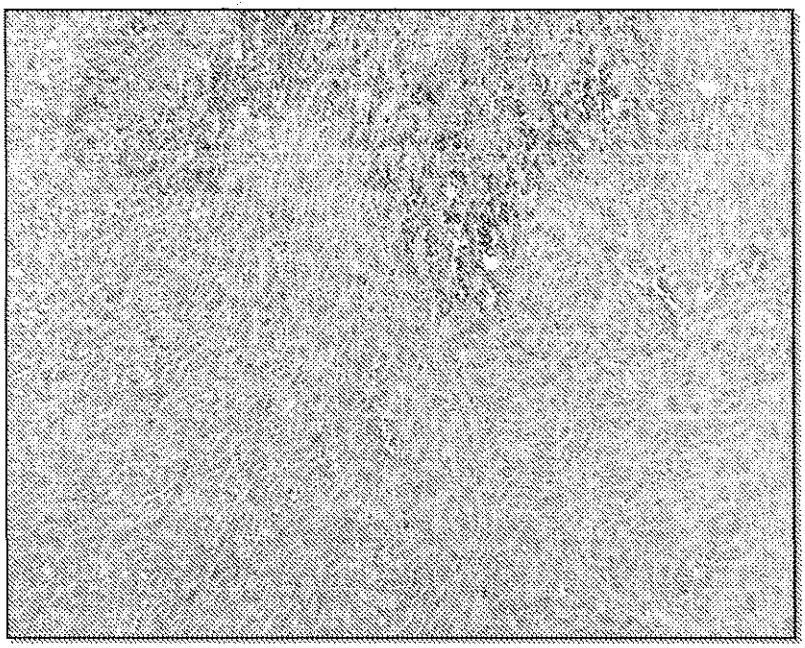


Figure 2

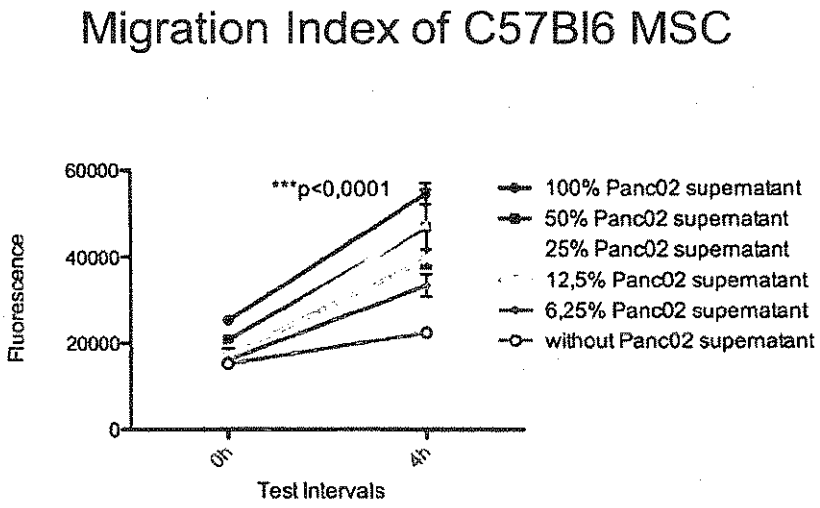
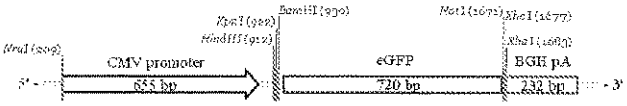
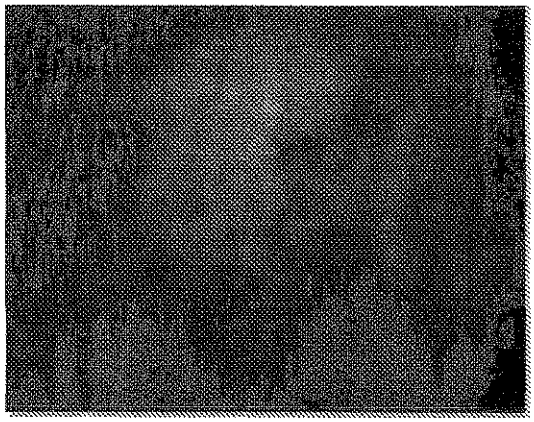

Migration Index of C57Bl6 MSC
***p<0,0001
Fluorescence
60000
40000
20000
0
0h
4h
Test Intervals
100% Panc02 supernatant
50% Panc02 supernatant
25% Panc02 supernatant
12,5% Panc02 supernatant
6,25% Panc02 supernatant
without Panc02 supernatant

Figure 3



active region (1,8 kbp) of pcDNA3-eGFP (6,1 kbp)

A



B

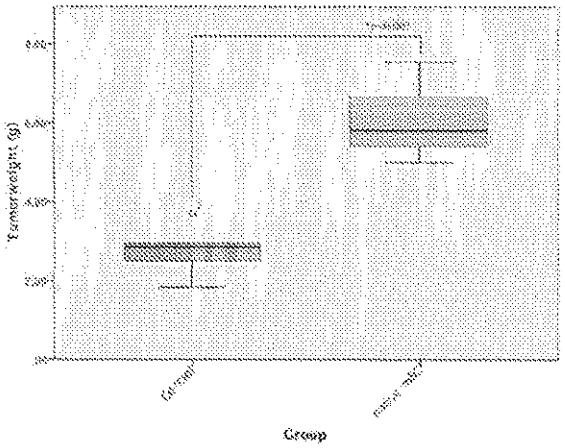
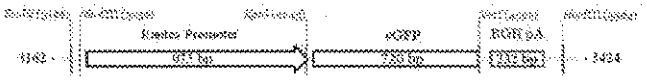
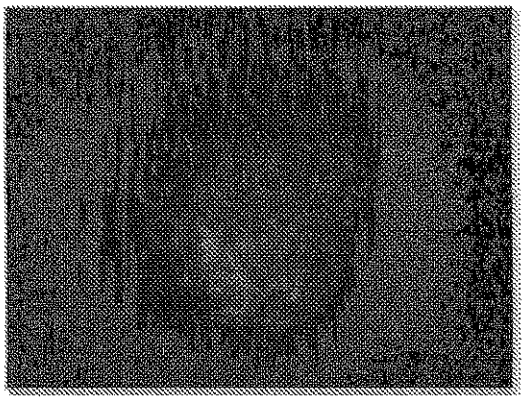


Figure 4

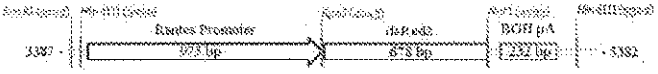
A



active region(2261bp) of pCMV/Bsd-RaPro-eGFP(5768 bp)



B



active region(2194 bp) of pCMV/Bsd-RaPro-RFP(5706 bp)

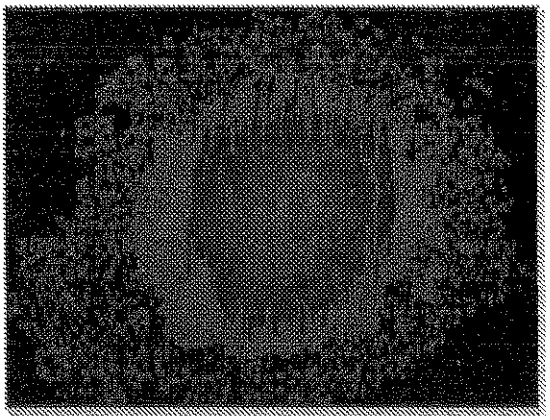


Figure 4

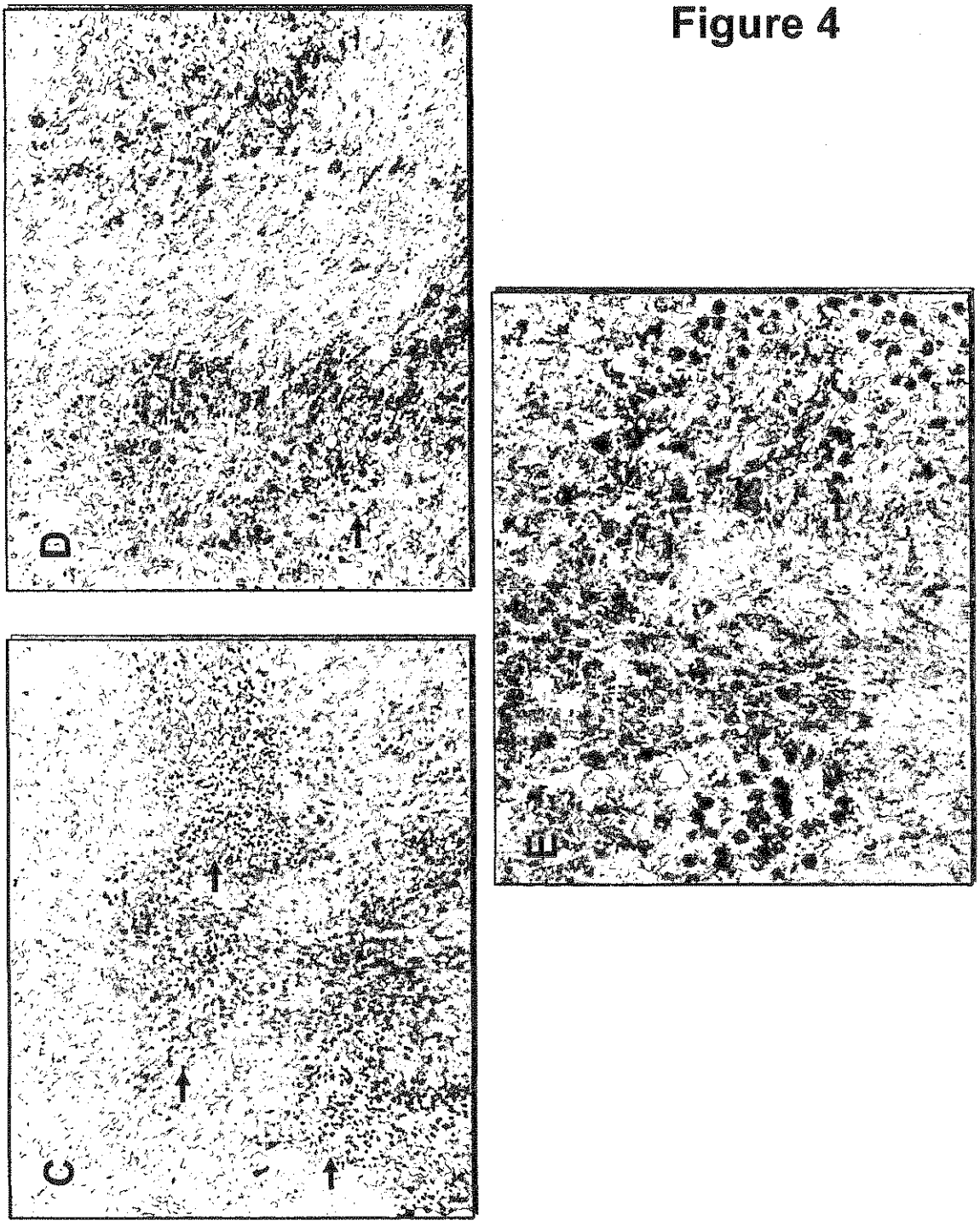
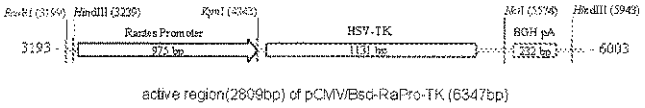
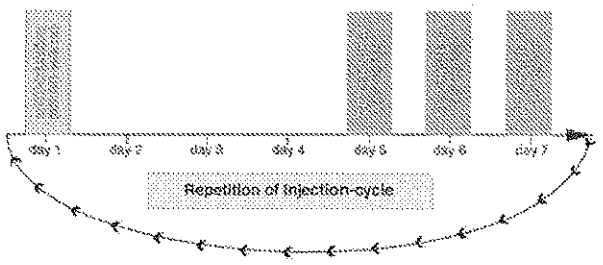


Figure 5

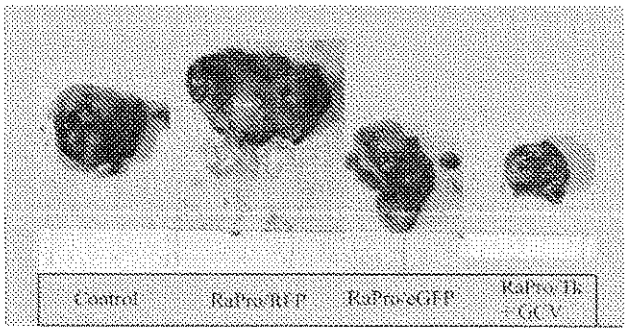
A



B



C



D

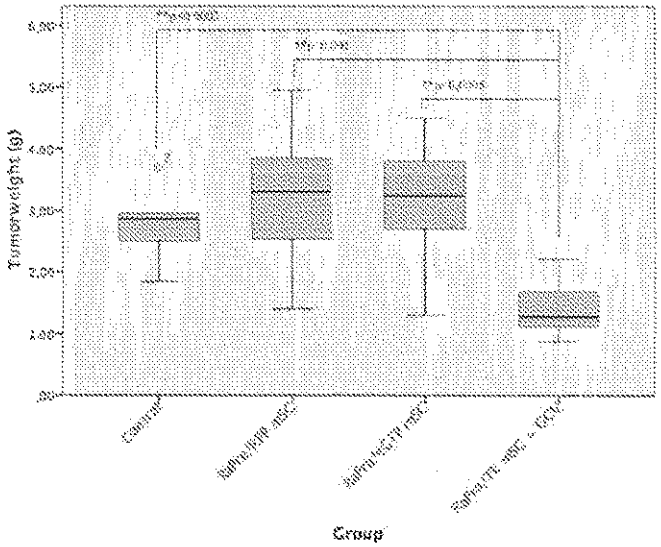
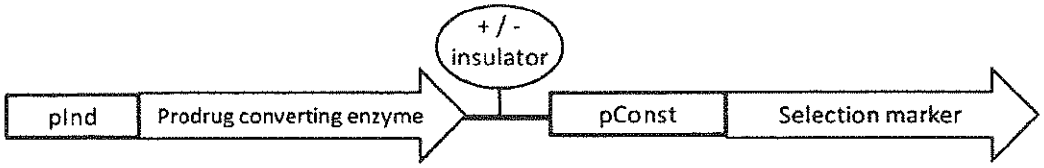


Figure 6



RAN TES	HSV-Thymidine kinase		pCAG	Puromycin resistance
Tie-2	Cytosine deaminase		EF1alpha	Neomycin resistance
			PGK	Ouabain resistance
			CMV	Hygromycine B
			SFFV	CD34

Figure 7

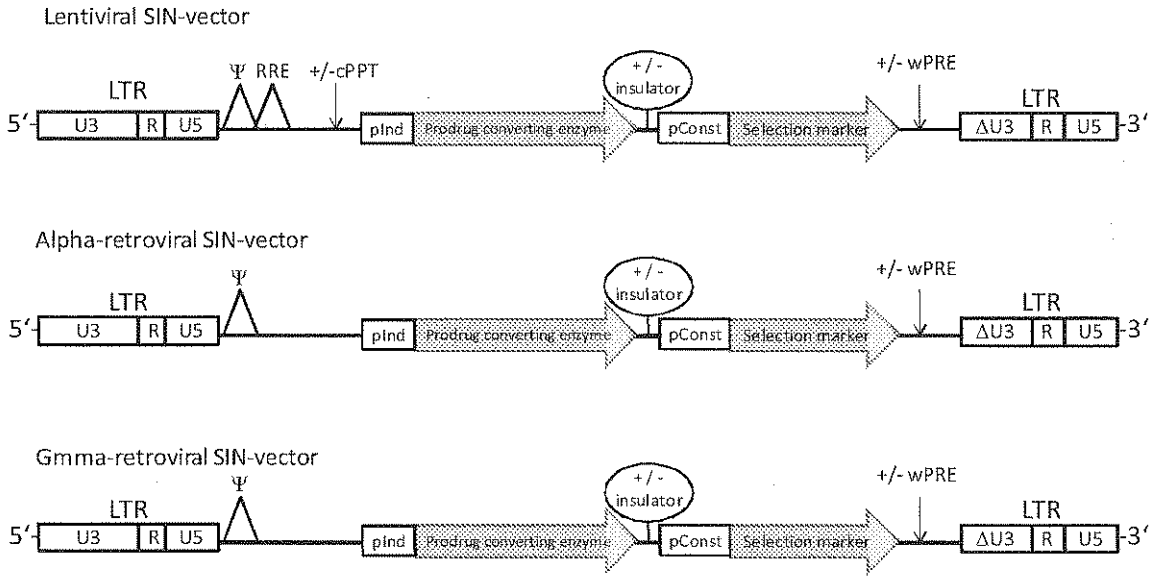

Lentiviral SIN-vector
LTR
Ψ RRE
+/-cPPT
+/- insulator
+/- wPRE
LTR
5'
U3
R
U5
pInd
Prodrug converting enzyme
pConst
Selection marker
ΔU3
R
U5
3'
Alpha-retroviral SIN-vector
LTR
Ψ
+/- insulator
+/- wPRE
LTR
5'
U3
R
U5
pInd
Prodrug converting enzyme
pConst
Selection marker
ΔU3
R
U5
3'
Gmma-retroviral SIN-vector
LTR
Ψ
+/- insulator
+/- wPRE
LTR
5'
U3
R
U5
pInd
Prodrug converting enzyme
pConst
Selection marker
ΔU3
R
U5
3'

Figure 8

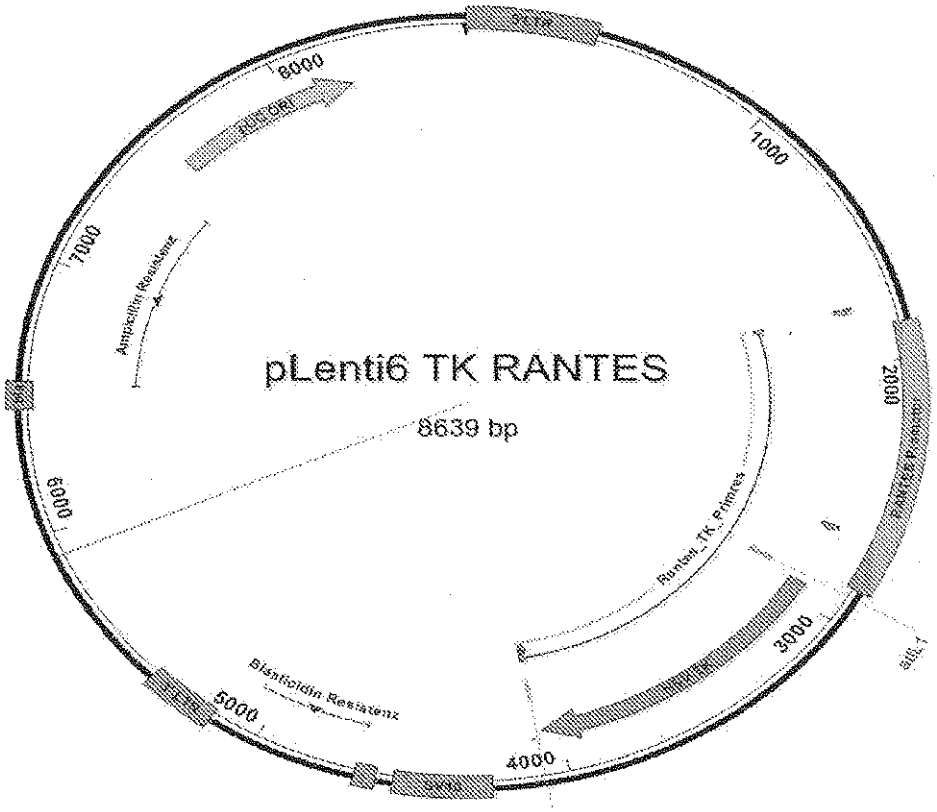

pLenti6 TK RANTES
8639 bp
1000
2000
3000
4000
5000
6000
7000
8000
Ampicillin Resistenz
Blasticidin Resistenz
Rantes_TK_Primer

Figure 9

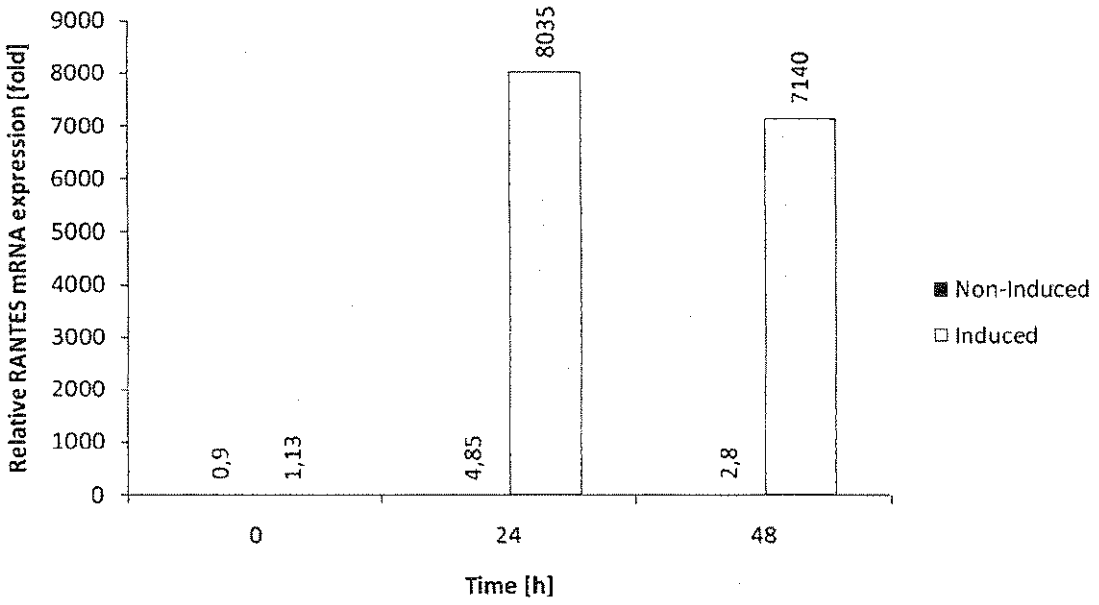
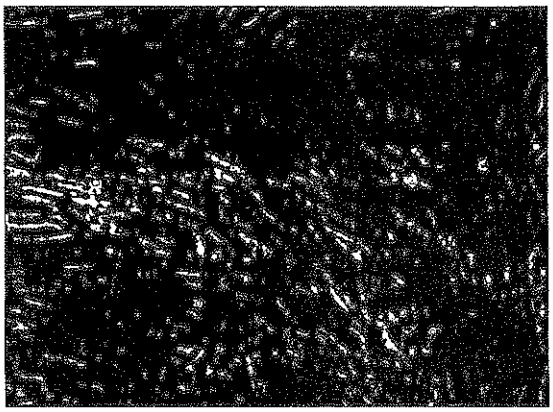
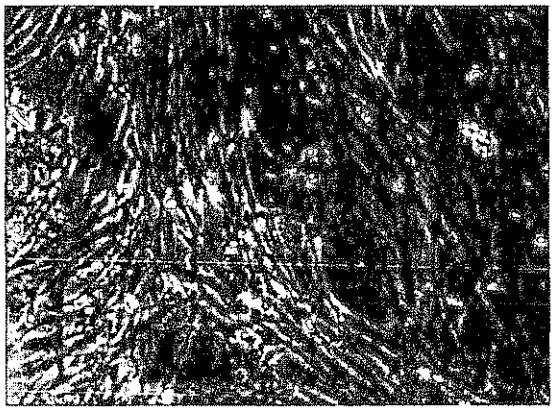
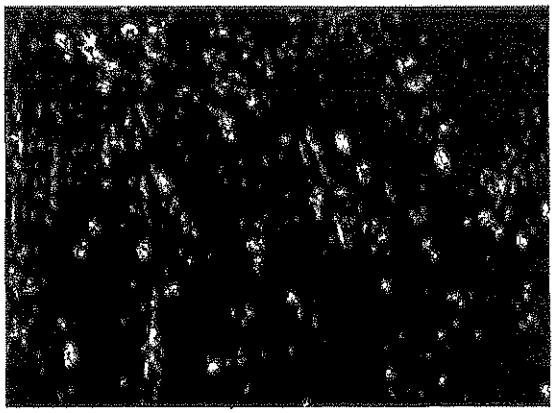

Relative RANTES mRNA expression [fold]
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0,9
1,13
4,85
8035
2,8
7140
0
24
48
Time [h]
Non-Induced
Induced

Figure 10

		TNFα	IFNγ	ganciclovir
A		0 ng/ml	0 ng/ml	0 µM
B		10 ng/ml	10 ng/ml	0 µM
C		0 ng/ml	0 ng/ml	100 µM
D		10 ng/ml	10 ng/ml	100 µM