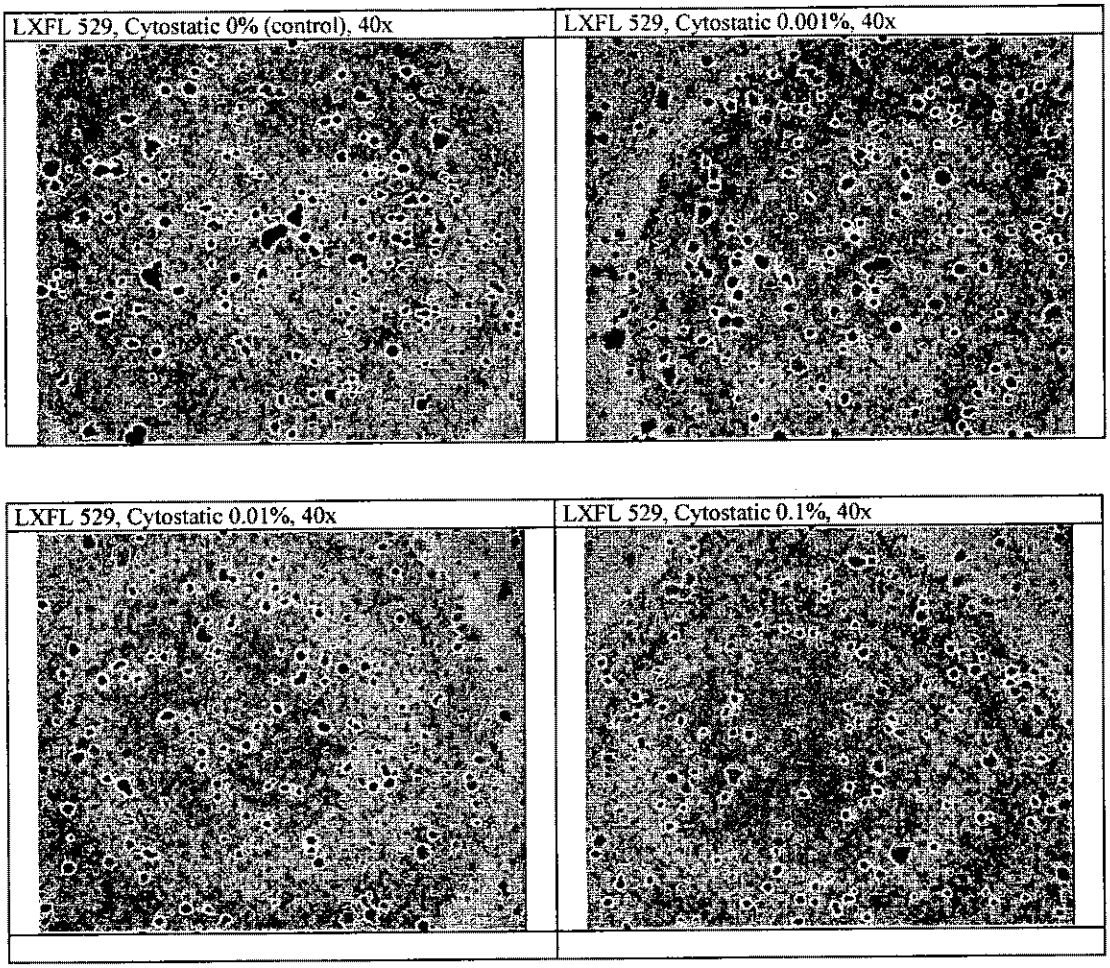

LXFL 529, Cytostatic 0% (control), 40x
LXFL 529, Cytostatic 0.001%, 40x
LXFL 529, Cytostatic 0.01%, 40x
LXFL 529, Cytostatic 0.1%, 40x

Figure 1

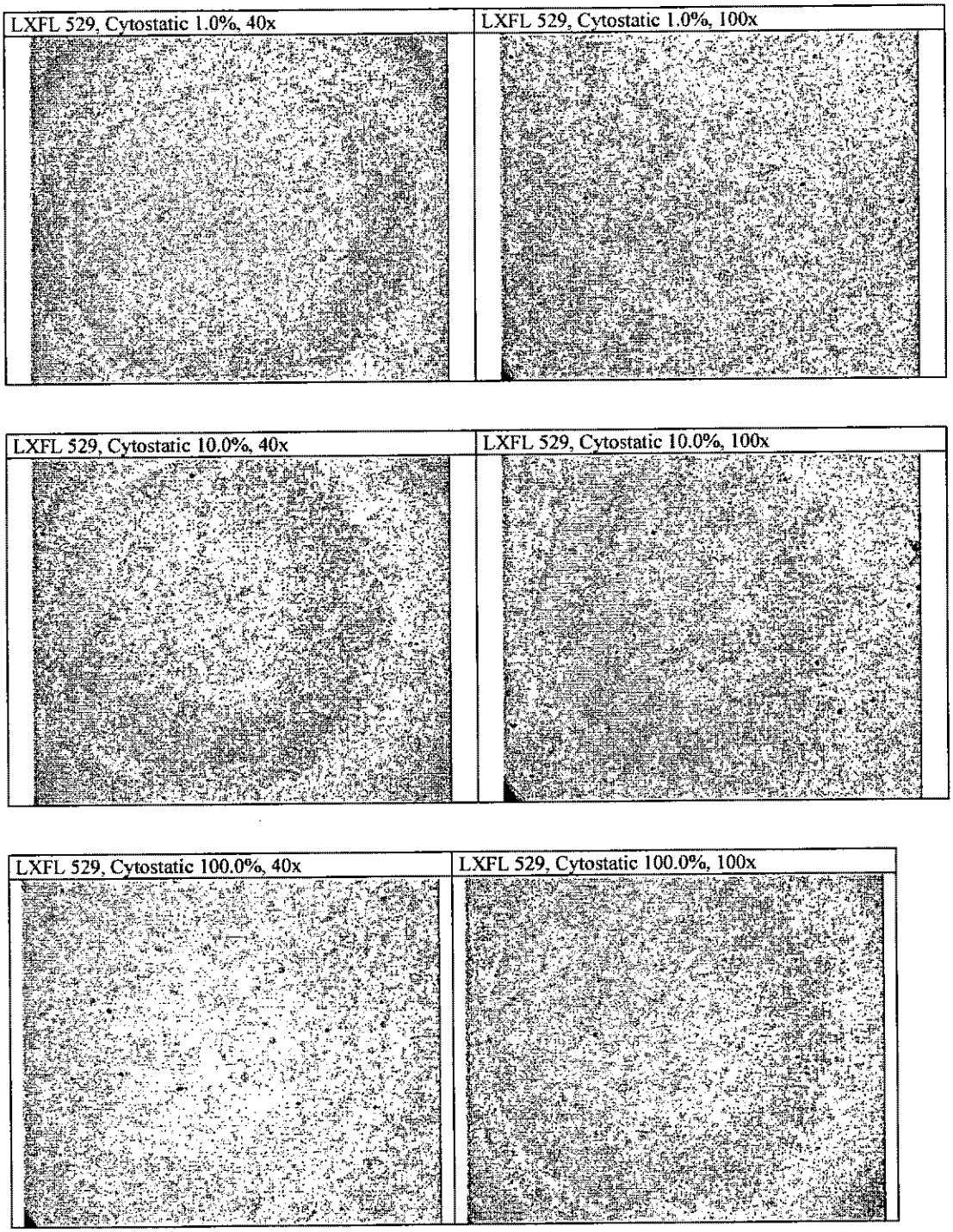

LXFL 529, Cytostatic 1.0%, 40x
LXFL 529, Cytostatic 1.0%, 100x
LXFL 529, Cytostatic 10.0%, 40x
LXFL 529, Cytostatic 10.0%, 100x
LXFL 529, Cytostatic 100.0%, 40x
LXFL 529, Cytostatic 100.0%, 100x

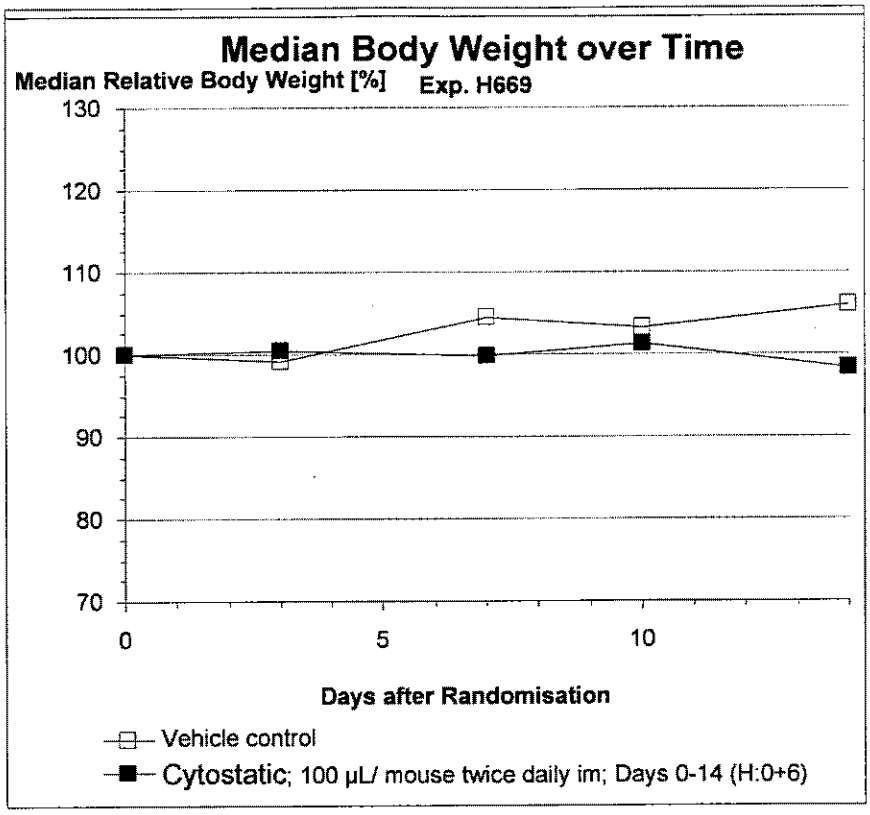
Figure 2

IN-VITRO EFFECT OF CYTOSTATIC IN HUMAN TUMOR XENOGRAFTS

TUMOR/ PASSAGE NO.	EXP. NO.	COL ONY CONTR.	Distribution of IC70 related to Mean log.scaled axis *0.01 *0.1 Mean 0.462 *10 *100	IC50 %	IC70 %	IC90 %
BXF						
1218/14	G033DM	623		0.286	0.471	0.778
CXF						
1103/9	G018DM	265		0.278	0.652	1.531
280/8	F413AM	403		0.193	0.372	0.719
GXF						
1172/4	G114FM	579		0.362	0.627	3.981
HNXF						
536/7	G078CM	140		0.316	0.505	0.809
LIXF						
575/7	G074DM	234		0.261	0.451	0.781
LXFA						
289/16	G022DM	292		0.754	52.983	259.294
526/9	G014DM	876		0.273	0.464	0.788
LXFL						
1647/5	G045DM	639		0.261	0.451	0.781
529/7	F414AM	432		0.034	0.162	0.545
LXFS						
615/12	G081FM	235		0.142	0.310	0.676
650/7	G012DM	334		<0.001	<0.001	0.004
MAXF						
1322/6	G009DM	320		0.293	0.479	0.782
1384/13	G092JM	425		0.230	0.448	0.875
401/21	G058DM	428		0.079	0.243	0.693
MEXF						
1539/10	G086DM	655		0.316	0.501	0.794
514/13	G003AM	485		0.189	0.384	0.780
989/11	G002DM	576		0.002	0.004	0.007
OVXF						
550/14	G109CM	97		4.019	14.677	>100.000
899/31	G021DM	531		0.327	0.657	1.321
PAXF						
736/8	G047DM	265		0.630	2.648	>100.000
PRXF						
DU145/4	G073KM	806		0.196	0.387	0.762
MRIH1579	G083AM	326		0.046	0.234	0.637
PXF						
1118/5	G031DM	319		0.281	0.472	0.792
RXF						
631/13	G023AM	165		0.304	0.495	0.804
944LX	* (2)	616		0.235	0.424	0.766
SXF						
627/6	G089GM	764		4.697	9.646	153.992
Mean			n=27 0.462	0.195	0.462	1.264

Figure 3

A


Median Body Weight over Time
Median Relative Body Weight [%] Exp. H669
130
120
110
100
90
80
70
0
5
10
Days after Randomisation
Vehicle control
Cytostatic; 100 µL/ mouse twice daily im; Days 0-14 (H:0+6)

B

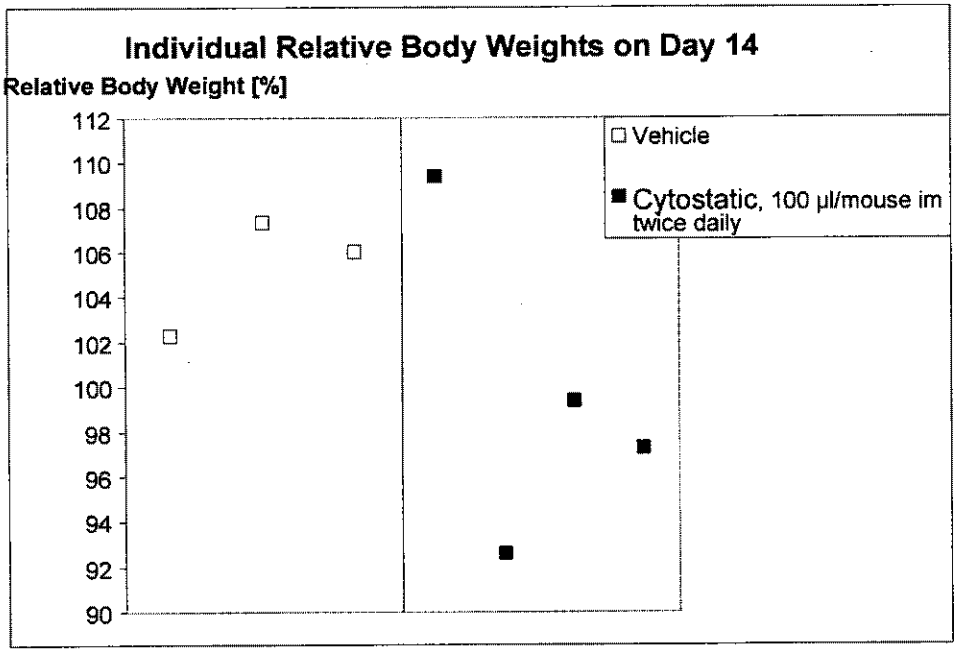

Individual Relative Body Weights on Day 14
Relative Body Weight [%]
112
110
108
106
104
102
100
98
96
94
92
90
Vehicle
Cytostatic, 100 µl/mouse im twice daily

Figure 4

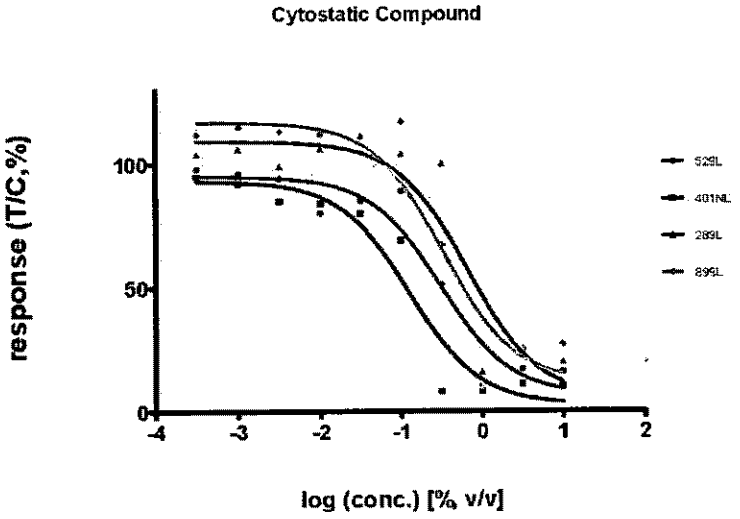
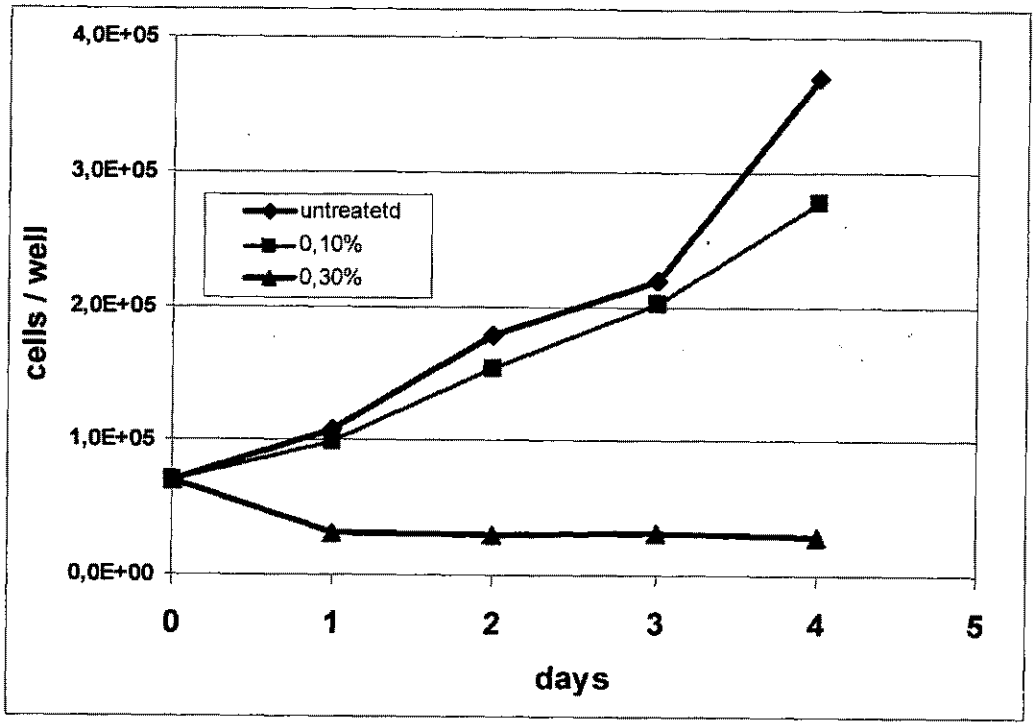

Cytostatic Compound
response (T/C,%)
100
50
0
-4
-3
-2
-1
0
1
2
log (conc.) [% v/v]
529L
401NL
289L
899L

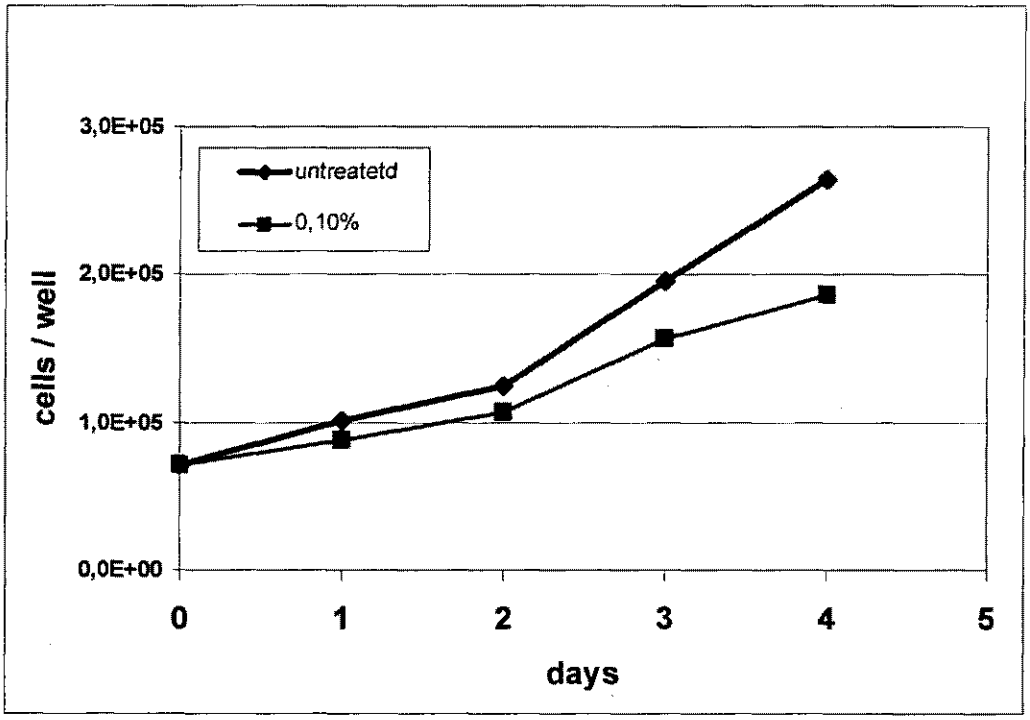
Figure 5



Number of vital cells (mean of 2 wells)

EXP-Nr.	Conc. CC	seeded	1. count	2. count	3. count	4. count	
	23.08.2008	25.08.2008	26.08.2008	27.08.2008	28.08.2008	29.08.2008	
VCC01a1	untreatetd	71000	107850	179000	219000	369500	cells/well
VCC01b1	0,10%	71000	99250	154000	201500	277000	cells/well
VCC01c1	0,30%	71000	31400	29650	31900	28200	cells/well

Figure 6



Number of vital cells (mean of 2 wells)

EXP-Nr.	Conc. CC	seeded	1. count	2. count	3. count	4. count	
	23.08.2008	*01.09.2008*	*02.09.2008*	*03.09.2008*	*04.09.2008*	*05.09.2008*	
VCC02a2	untreatetd	71000	100600	124500	196000	264500	Zellen/well
VCC02b2	0,10%	71000	87200	106500	156500	186000	Zellen/well
VCC02c2	0,30%	n.d.	n.d.	n.d.	n.d.	n.d.	Zellen/well

n.d. not done

Figure 7