

Autophagy 2017

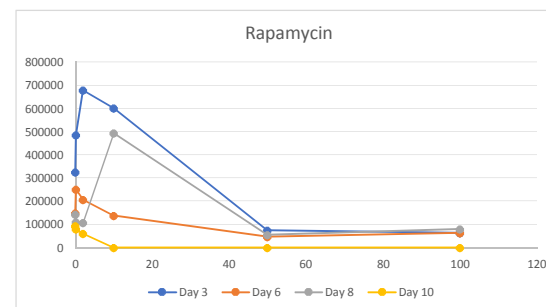
Drug Compound Kill curves in HeLa RGL1 cell line

Feb-March 2017

Rapamycin

	Day 3	Day 6	Day 8	Day 10
0	325000	150000	142000	94000
0.2	485000	251000	109000	78700
2	678000	206000	107000	60000
10	602000	137000	493000	0
50	73700	45700	55900	0
100	63500	63500	78700	0

By day 6 all wells 2 and up showed lot of cell death



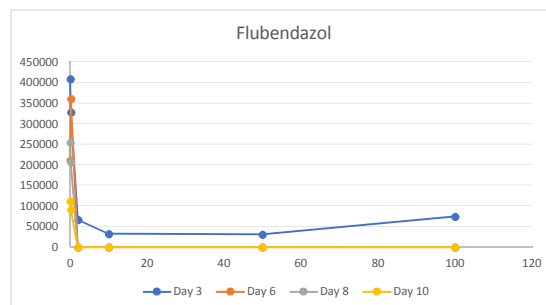
Flubendazol

	Day 3	Day 6	Day 8	Day 10
0	409000	211000	254000	112000
0.2	328000	361000	206000	91500
2	66000	0	0	0
10	33000	0	0	0
50	30500	0	0	0
100	73700	0	0	0

Very toxic even at 3 days at 0.2uM concentration

Mitotic arrest

By Day 6 all cells 2 and up were dead

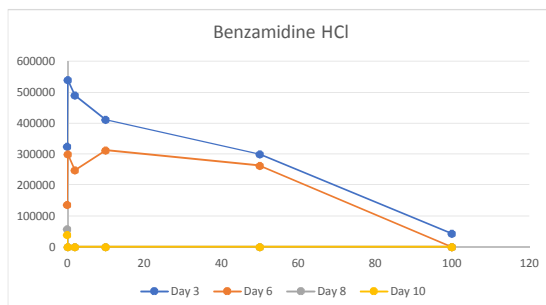


Benzamidine HCl

	Day 3	Day 6	Day 8	Day 10
0	325000	137000	58400	40000
0.2	541000	300000	0	0
2	490000	249000	0	0
10	412000	312000	0	0
50	300000	262000	0	0
100	43200	0	0	0

Least toxic

By day 6, 50uM and up lot's of cell death.



Niclosamide

	Day 3	Day 6	Day 8	Day 10
0	544000	269000	399000	267000
0.2	63500	0	0	0
2	0	0	0	0
10	0	0	0	0
50	0	0	0	0
100	0	0	0	0

Toxic at day 6

