

Supplemental Table 3

Change in Protein Levels Compared to Untreated Cells at 24 hours

COX and cPLA2 Signaling	UACC 903			1205Lu		
	CL	PL	CP-777	CL	PL	CP-777
COX I	↑	↑	↓↓	NC	↓	↓↓
COX II	↑↑↑	↑↑↑	↑↑↑	↑↑↑	↑↑↑	↑↑↑
pcPLA2	↑	↑	NC	↓	↓	↓↓
cPLA2	↑	↑	↑	↓	NC	↓
pcPLA2/cPLA2	NC	NC	↓	NC	↓	↓

Akt Signaling	UACC 903			1205Lu		
	CL	PL	CP-777	CL	PL	CP-777
p21	↑↑	↑↑↑	↓	↑↑↑	↑↑↑	↓
p27	↑↑	↑↑	↑↑	↑	↑	↑
pAkt	↑	↑↑	↑↑	↓	↑↑	NC
Akt	↑	↑	↑	↓	↑	↓↓
pAkt/Akt	NC	↑	↑	↑↑	↑↑↑	↑↑

Cyclin Expression	UACC 903			1205Lu		
	CL	PL	CP-777	CL	PL	CP-777
cyclin A2	↓	↓	↓↓	↑	↑	NC
cyclin B1	↓↓	↓	↓↓↓	↓	↓	↓↓
cyclin D1	↑↑	↑	↓↓↓	↑↑	↑	↓↓↓
cyclin E1 (both)	↑↑	↑	↑↑	↑↑	↑↑	↑↑
cyclin E1 (bottom)	↑↑	↑	NC	↑↑	↑↑	↑↑
cyclin E2	NC	↓↓	↓↓↓	NC	↓	NC
cyclin H	↑	NC	↓↓	↑	NC	↓↓

Stat3 Signaling	UACC 903			1205Lu		
	CL	PL	CP-777	CL	PL	CP-777
pStat3	↓	↓↓	↓↓↓	NC	↓↓	↓↓↓
Stat3	↑↑	↑↑	↑	↓	↓↓	↓↓↓
pStat3/Stat3	↓↓	↓↓↓	↓↓↓	↑	↓↓	↓↓↓

↑↑↑ >500%
 ↑↑ 200-500%
 ↑ 120-200%
 NC 80-120%
 ↓ 50-80%
 ↓↓ 20-50%
 ↓↓↓ <20%

CP=Celecoxib Liposome
PL=Plumbagin Liposome
CP-777=CelePlum-777