

Additional file2: Table S1 Predominant nuclear signals of Cajal body proteins SMN1 and Coilin in cells treated with the indicated drugs for 24 hours. CB, Cajal bodies.

	LNCaP			PC-3			22Rv1		
	SMN1	Coilin	Main site of colocalization	SMN1	Coilin	Main site of colocalization	SMN1	Coilin	Main site of colocalization
Control	CB spot localization in ~50% of the cells	CB spot localization in ~50% of the cells	CB spots	CB spot localization in majority of the cells	CB spot localization in majority of the cells	CB spots	Low nuclear signal, no CB localization	CB spot localization in minority of the cells	No significant co-localization
Oxaliplatin	Decreased number and size of spots	Nucleolar capping	Nucleolar caps	Decreased number and size of spots	Increased number and decreased size of spots, nucleolar capping	Remaining CB spots	Low nuclear signal, no CB localization	Spots and nucleolar capping	No significant co-localization
Cisplatin	Spot localization lost	Nucleolar localization	No significant co-localization	Spot localization decreased	Nucleolar localization	Only occasional localization in nucleolar caps and remaining CB spots	Nucleolar localization in minority of the cells	Nucleolar localization	Occasional nucleoli
Carboplatin	Spot localization decreased	Decrease of signal	Remaining CB spots	Spot localization decreased	Decrease of signal	Remaining CB spots	Low nuclear signal, no CB localization	Decrease of signal	No significant co-localization
ActD	Spot localization lost	Nucleolar capping	Nucleolar caps	Spot localization lost	Nucleolar capping	Nucleolar caps	Nucleolar capping	Nucleolar capping	Nucleolar caps