

A2 Table S1. Quantification of protein expression by the analyzing software Image J®

Hey					Hey			
	∅	cis	cer	cis+cer	∅ + PA	cis + PA	cer + PA	cis+cer + PA
p-AKT	1.00	0.89	0.79	0.54	1.00	1.17	0.96	1.00
AKT	1.00	0.82	0.67	0.58	1.00	1.00	0.96	0.74
p-ERK	1.00	0.49	0.30	0.26	1.00	1.06	0.95	0.87
ERK	1.00	0.81	0.86	0.95	1.00	1.00	1.04	1.05

Hey cis					Hey cis			
	∅	cis	cer	cis+cer	∅ + PA	cis + PA	cer + PA	cis+cer + PA
p-AKT	1.00	0.77	0.73	0.71	1.00	1.19	1.32	1.31
AKT	1.00	0.78	0.75	0.67	1.00	0.80	0.82	0.82
p-ERK	1.00	0.57	0.64	0.62	1.00	0.98	0.80	0.94
ERK	1.00	0.84	0.87	0.79	1.00	0.89	0.93	0.93

A2 Table S2. IC50 values of cisplatin in primary culture combined with cerulenin treatment

	∅	+ 8.75 µmol/L cer (% reduction)	+ 17.5 µmol/L cer (% reduction)
G3#1	4.11 µmol/L cis	4.05 µmol/L cis*** (1.5%)	1.61 µmol/L cis*** (60.8%)
G3#2	24.50 µmol/L cis	14.44 µmol/L cis* (41.1%)	8.51 µmol/L cis** (65.3%)
G3#3	37.51 µmol/L cis	24.32 µmol/L cis* (35.2%)	5.24 µmol/L cis*** (86.0%)
G3#4	9.86 µmol/L cis	7.02 µmol/L cis** (28.8%)	0.82 µmol/L cis** (91.7%)
G3#5	30.32 µmol/L cis	29.61 µmol/L cis*** (2.3%)	17.01 µmol/L cis*** (43.9%)
G3#6	3.76 µmol/L cis	4.14 µmol/L cis* (-)	1.65 µmol/L cis** (56.1%)
C1	13.54 µmol/L cis	15.05 µmol/L cis** (-)	9.19 µmol/L cis** (32.1%)
C2	34.33 µmol/L cis	32.96 µmol/L cis** (4.0%)	29.63 µmol/L cis* (13.7%)

(*** $P < 0.001$; ** $P < 0.01$; * $P < 0.05$)