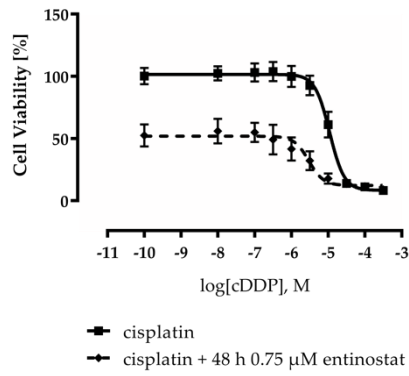


Table S1. Effect of HDACi pretreatment on cisplatin-induced cytotoxicity.

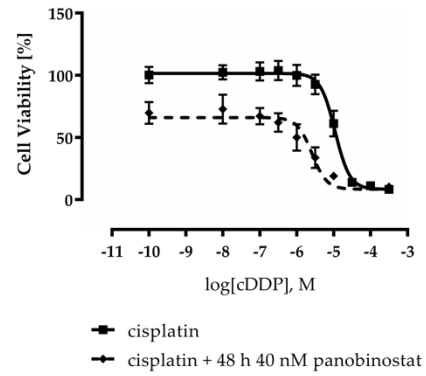
cell line	+ 48 h HDACi pretreatment						
	cisplatin	entinostat		panobinostat		nexturastat A	
	IC ₅₀	IC ₅₀	SF	IC ₅₀	SF	IC ₅₀	SF
	[pIC ₅₀ ± SEM]	[pIC ₅₀ ± SEM]		[pIC ₅₀ ± SEM]		[pIC ₅₀ ± SEM]	
A2780	11.0 [4.96 ± 0.01]	4.99 [5.30 ± 0.05]	2.2 ***	2.58 [5.59 ± 0.04]	5.6 ***	1.44 [5.84 ± 0.06]	7.6 ***
CaOV3	1.44 [5.84 ± 0.01]	0.72 [6.14 ± 0.05]	2.0 *	0.74 [6.13 ± 0.05]	2.0 ns	1.33 [5.88 ± 0.04]	1.1 ns
HEY	5.25 [5.28 ± 0.01]	1.39 [5.89 ± 0.03]	3.8 ***	2.75 [5.56 ± 0.04]	1.9 *	1.28 [5.89 ± 0.04]	4.1 ***
Kuramochi	4.68 [5.33 ± 0.02]	3.28 [5.48 ± 0.02]	1.4 *	5.14 [5.29 ± 0.04]	< 1 ns	3.22 [5.49 ± 0.02]	1.5 **
OVSAHO	4.83 [5.32 ± 0.01]	1.02 [5.99 ± 0.03]	4.7 ***	3.01 [5.52 ± 0.02]	1.6 **	1.43 [5.84 ± 0.05]	3.4 ***

Data shown are the mean of pooled data from at least three experiments each carried out in triplicates. Shift-factors (SF) were calculated by dividing the IC₅₀-values without and with HDACi-preincubation.

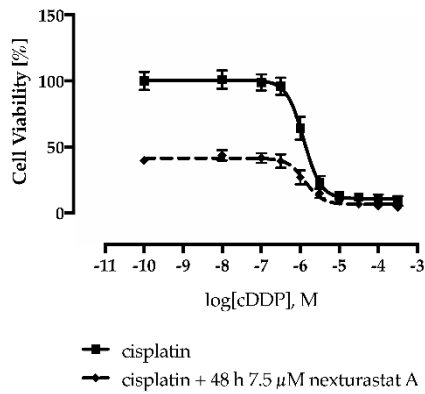
Levels of significance: ns (p > 0.05); * (p ≤ 0.05); ** (p ≤ 0.01); *** (p ≤ 0.001).



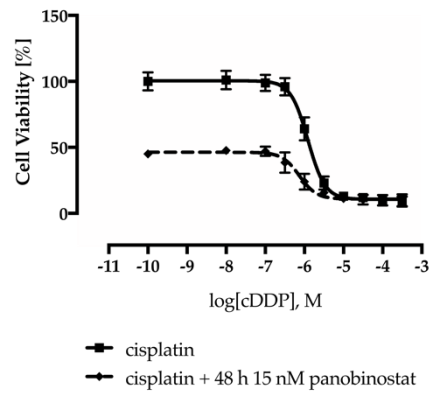
(a)



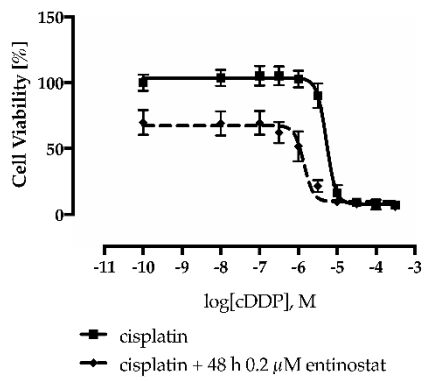
(b)



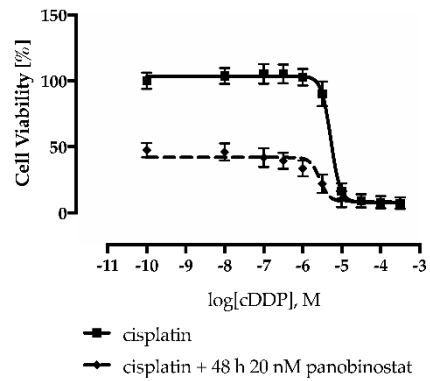
(c)



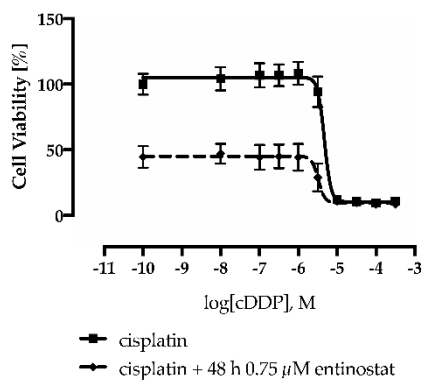
(d)



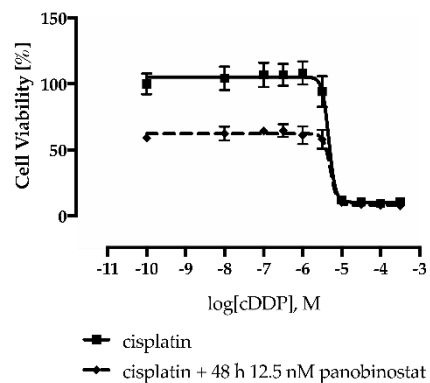
(e)



(f)



(g)



(h)

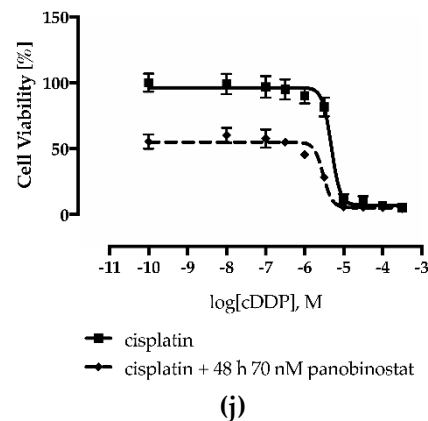
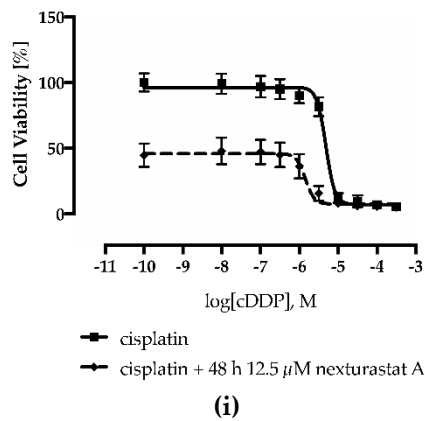


Figure S1. HDACi pretreatment enhance the cytotoxic effects of cisplatin. A2780 (a,b), CaOV3 (c,d), HEY (e,f), Kuramochi (g,h), and OVSAHO (i,j) were pretreated with the indicated HDACi 48 h prior to cisplatin (cDDP) administration. After another 72 h, IC₅₀-values were determined by MTT-assay. Data shown are normalized to vehicle control and pooled of at least two experiments each carried out in triplicates.

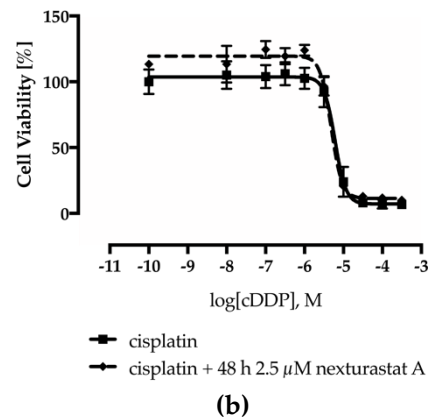
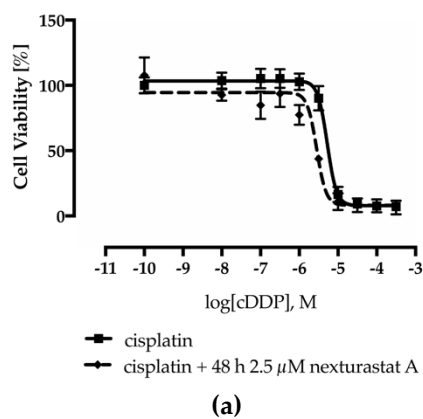


Figure S2. Pretreatment with nexturastat A in low concentrations did not enhance the cytotoxic effects of cisplatin. HEY (a) and CaOV3 (b) cells were pretreated with the indicated HDACi 48 h prior to cisplatin (cDDP) administration. After another 72 h, IC₅₀-values were determined by MTT-Assay. Data shown are normalized to vehicle control and pooled of two (a) or one (b) experiment each carried out in triplicates.

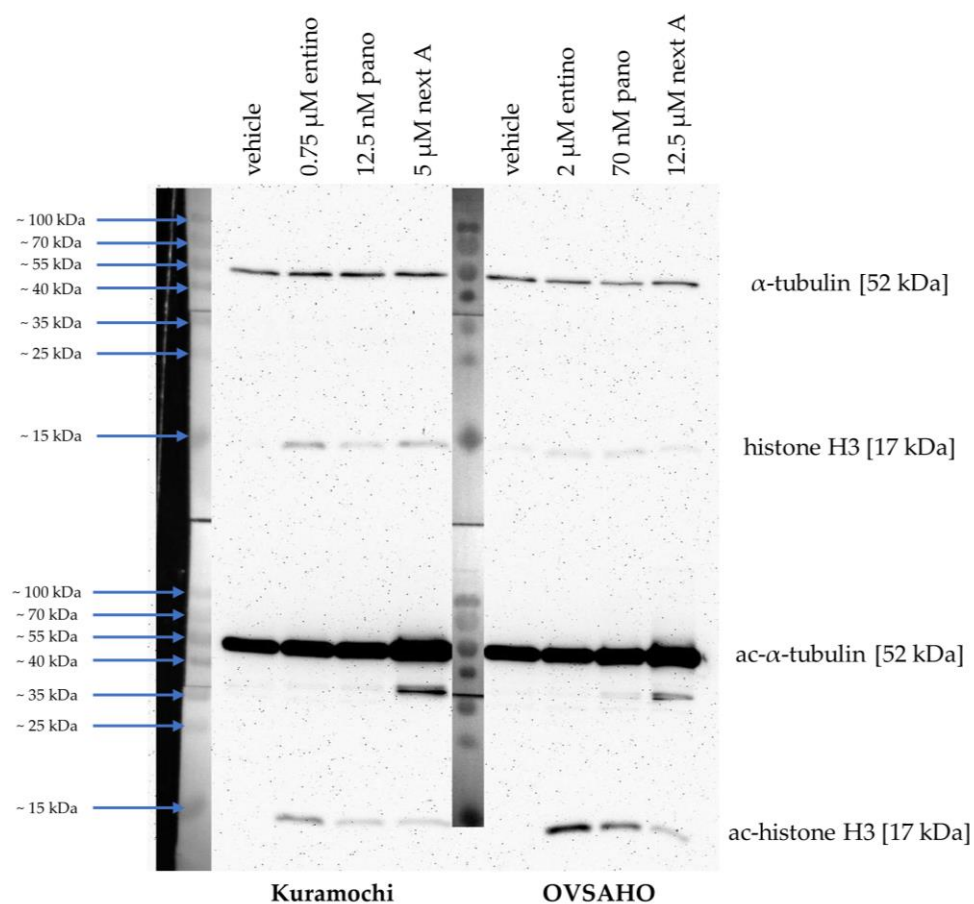


Figure S3. Effect of HDACi on acetylation level of α -tubulin and histone H3. Representative immunoblot analysis of histone H3, ac-histone H3, α -tubulin, and ac- α -tubulin in Kuramochi and OVSAHO cells. Cells were treated with the indicated concentrations of HDACi. Control cells were incubated with vehicle. Protein molecular weight marker is indicated on the left side.