
















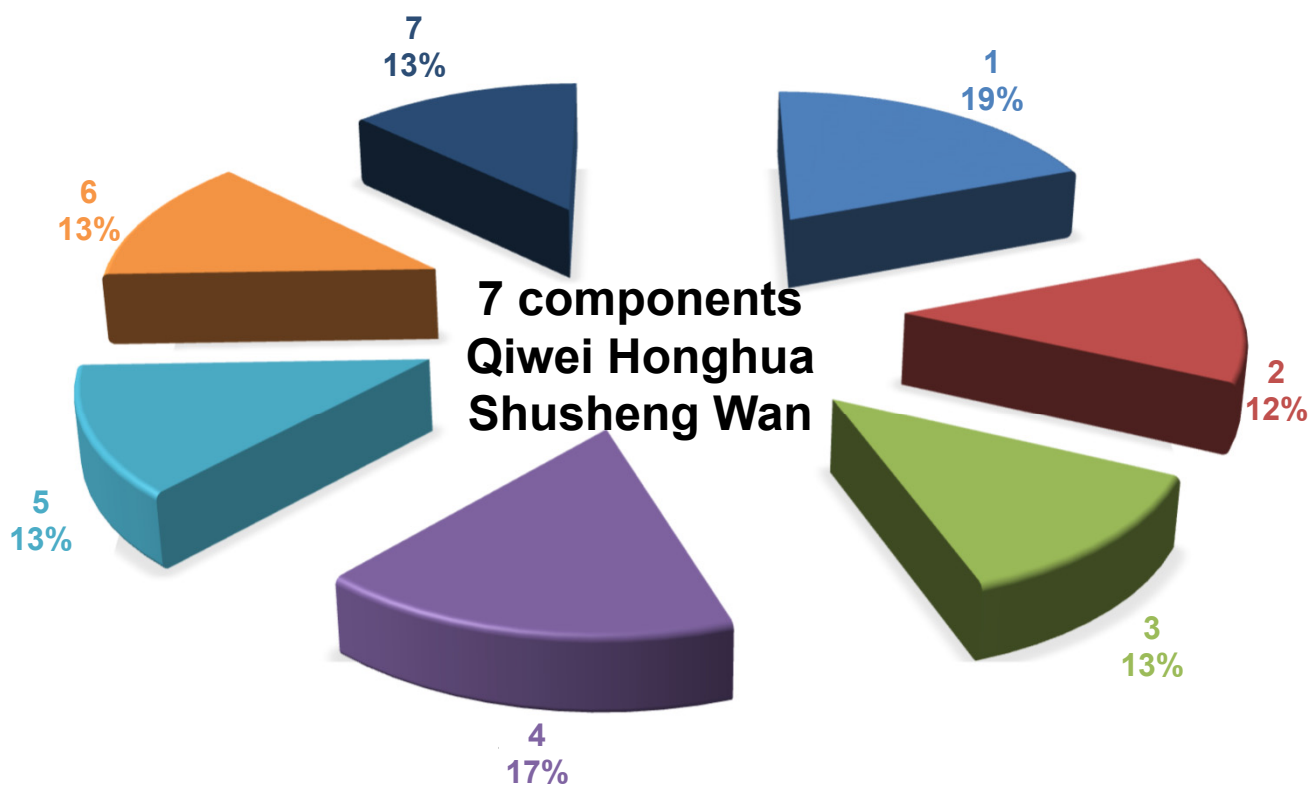









| No | Ingredient | No | Ingredient |
|----|---|----|---|
| 1 | Turquoise (mineral) | 16 | Ranunculaceae: <i>Aconitum naviculare</i> (Brühl) Stapf  |
| 2 | Pearl | 17 | Myristicaceae: <i>Myristica fragrans</i> Gronov  |
| 3 | Corals | 18 | Myrtaceae: <i>Syzygium aromaticum</i> (L.) Merr. & L. M. Perry  |
| 4 | Asparagaceae: <i>Dracaena cinnabari</i> Balf. f. | 19 | Saxifragaceae: <i>Saxifraga umbellulata</i> var. <i>pectinata</i> (C. Marquand & Airy Shaw) J. T. Pan  |
| 5 | Combretaceae: <i>Terminalia chebula</i> Retz.  | 20 | Combretaceae: <i>Terminalia bellirica</i> (Gaertn.) Roxb.  |
| 6 | Combretaceae: Scrap iron of <i>Terminalia chebula</i> Retz.  | 21 | Poaceae: <i>Bambusa testilis</i> McClure |
| 7 | Phyllanthaceae: <i>Phyllanthus emblica</i> L.  | 22 | Iridaceae: <i>Crocus sativus</i> L.  |
| 8 | Sciuridae: <i>Trogopterus xanthipes</i> (Minlne Eduards) | 23 | Malvaceae: <i>Bombax ceiba</i> L.  |
| 9 | Santalaceae: <i>Santalum album</i> L.  | 24 | Moschidae: <i>Moschus</i> Flerov |
| 10 | Fabaceae: <i>Dalbergia odorifera</i> T. C. Chen  | 25 | Travertine (limestone) |
| 11 | Aristolochiaceae: <i>Aristolochia debilis</i> Siebold & Zucc.  | | |
| 12 | Acanthaceae: <i>Justicia adhatoda</i> L.  | | |
| 13 | Bovidae: <i>Bos taurus domesticus</i> Gmelin | | |
| 14 | Asteraceae: <i>Dolomiaea costus</i> (Falc.) Kasana & A. K. Pandey  | | |
| 15 | Papaveraceae: <i>Meconopsis cambrica</i> Vig.  | | |

Plant-origin 

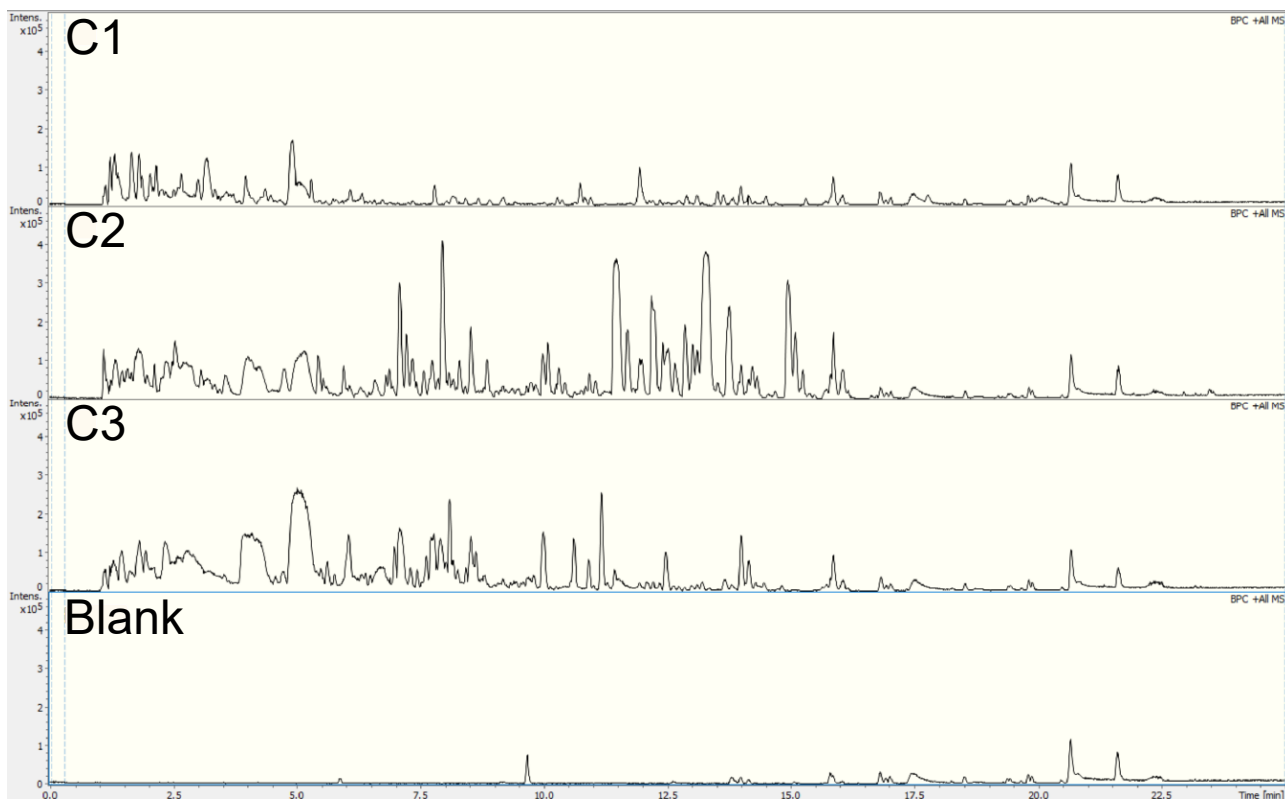
Supplementary Figure 1



| No | Ingredient |
|----|--|
| 1 | Asteraceae: <i>Carthamus tinctorius</i> L.  |
| 2 | Poaceae: <i>Bambusa testilis</i> McClure |
| 3 | Gentianaceae: <i>Swertia bimaculata</i> (Siebold & Zucc.) Hook. f. & Thomson ex C. B. Clarke  |
| 4 | Combretaceae: <i>Terminalia chebula</i> Retz. |
| 5 | Ephedraceae: <i>Ephedra sinica</i> Stapf  |
| 6 | Aristolochiaceae: <i>Aristolochia debilis</i> Siebold & Zucc.  |
| 7 | Papaveraceae: <i>Meconopsis cambrica</i> Vig.  |

Plant-origin 

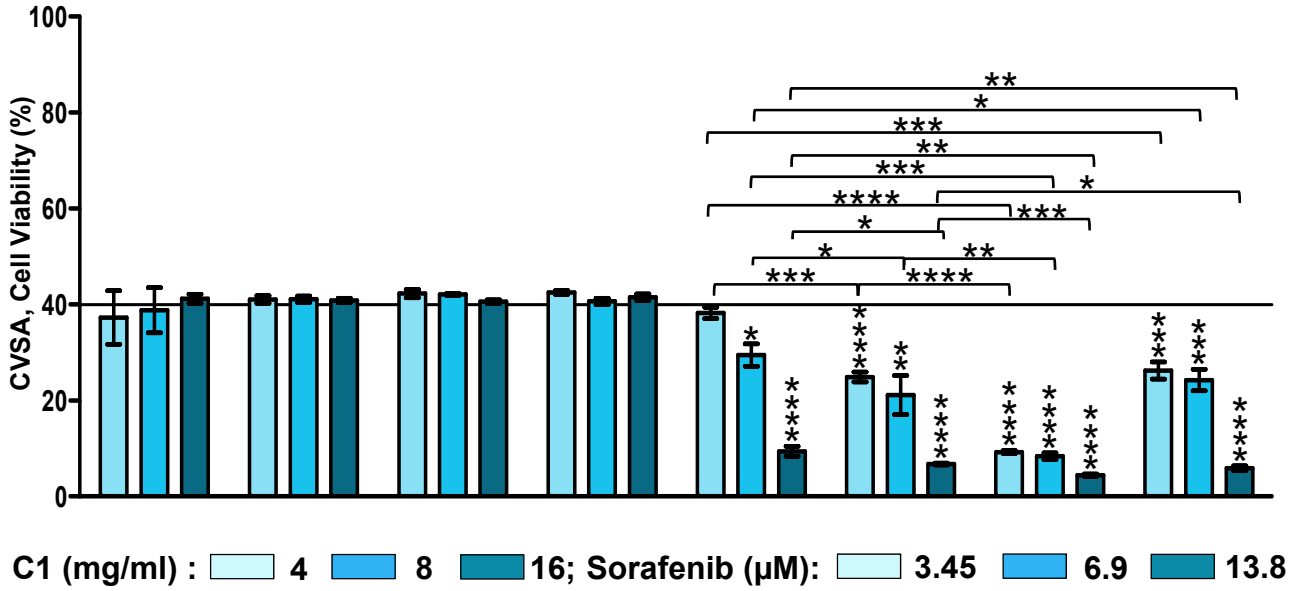
Supplementary Figure 2



Supplementary Figure 3

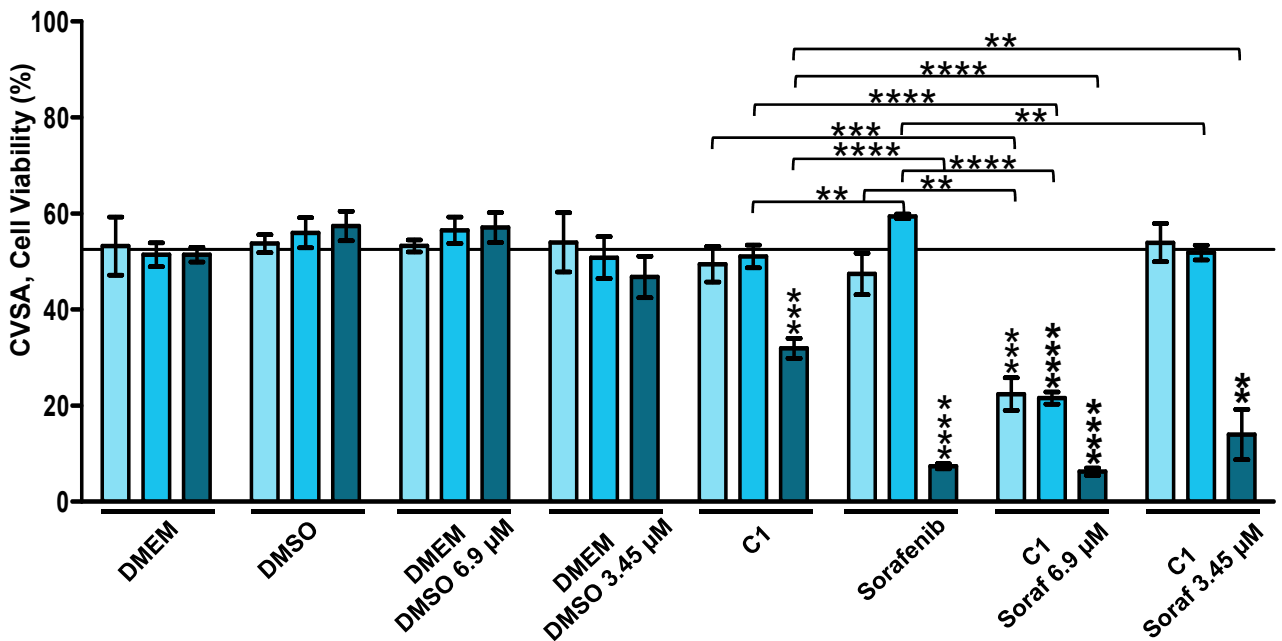
(A)

HCC C1 24 h

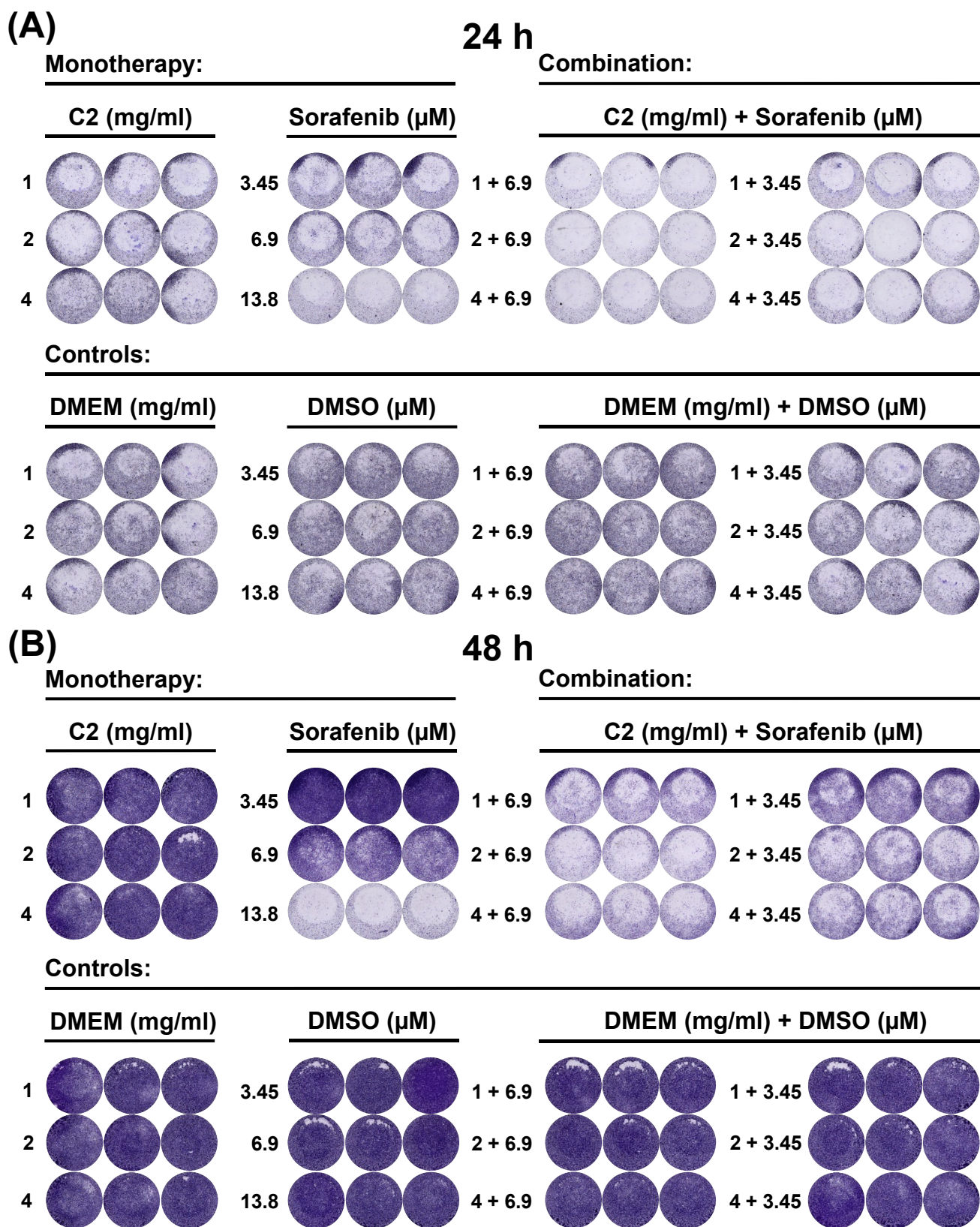


(B)

HCC C1 48 h



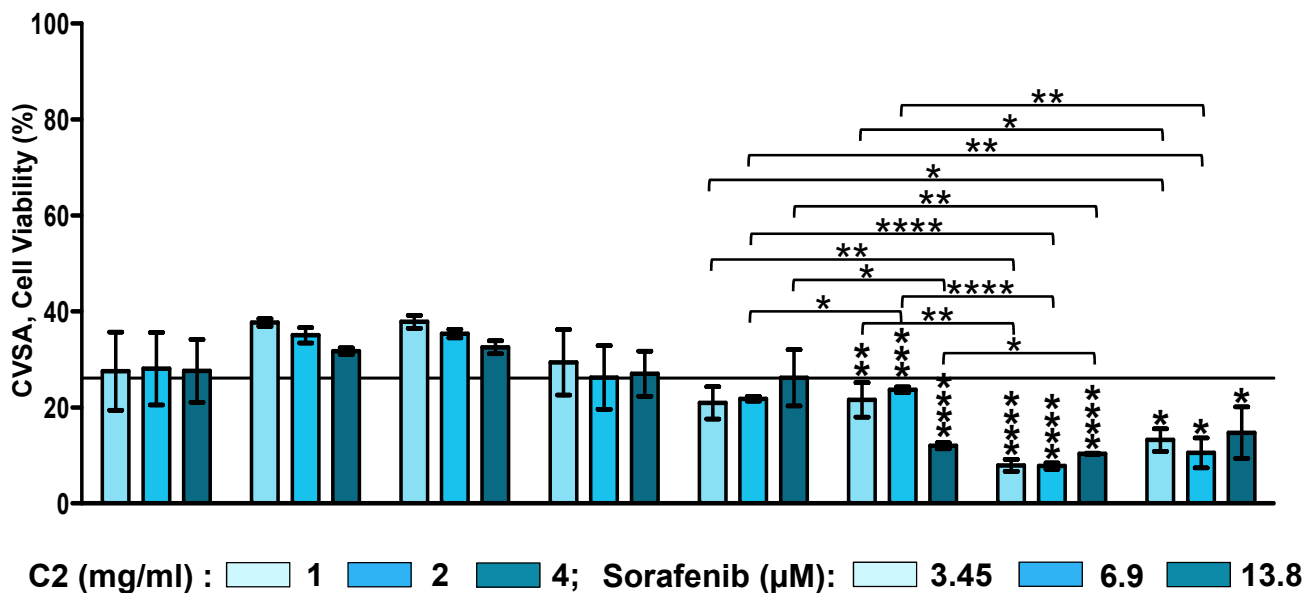
Supplementary Figure 4



Supplementary Figure 5

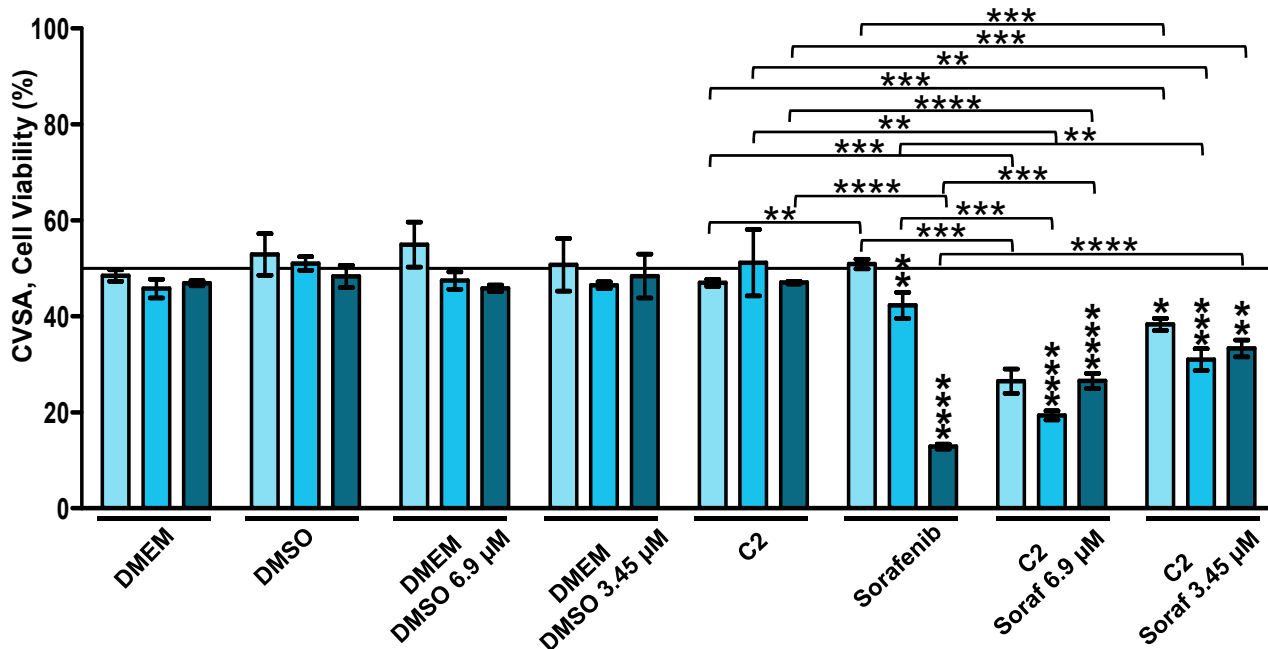
(A)

HCC C2 24 h

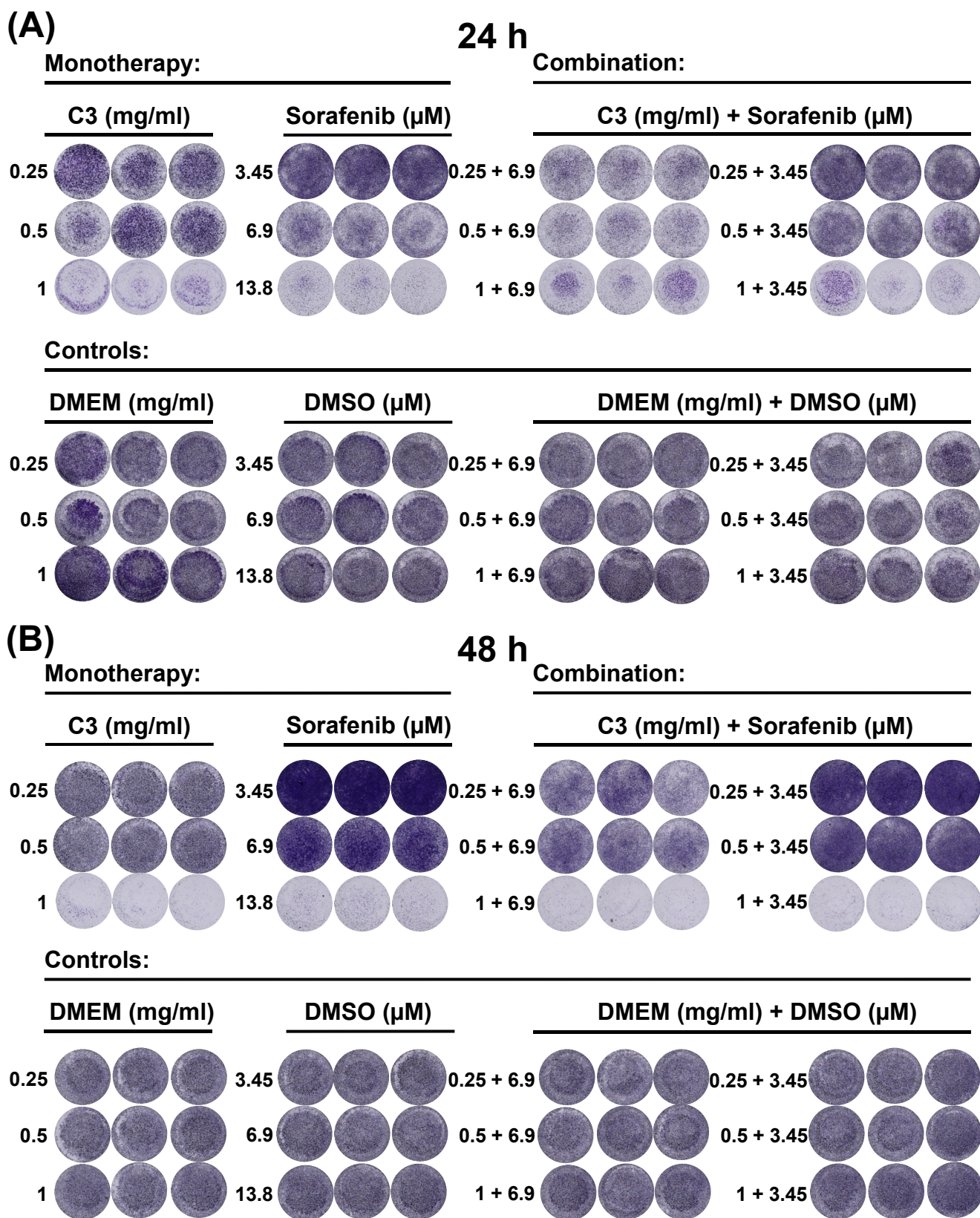


(B)

HCC C2 48 h



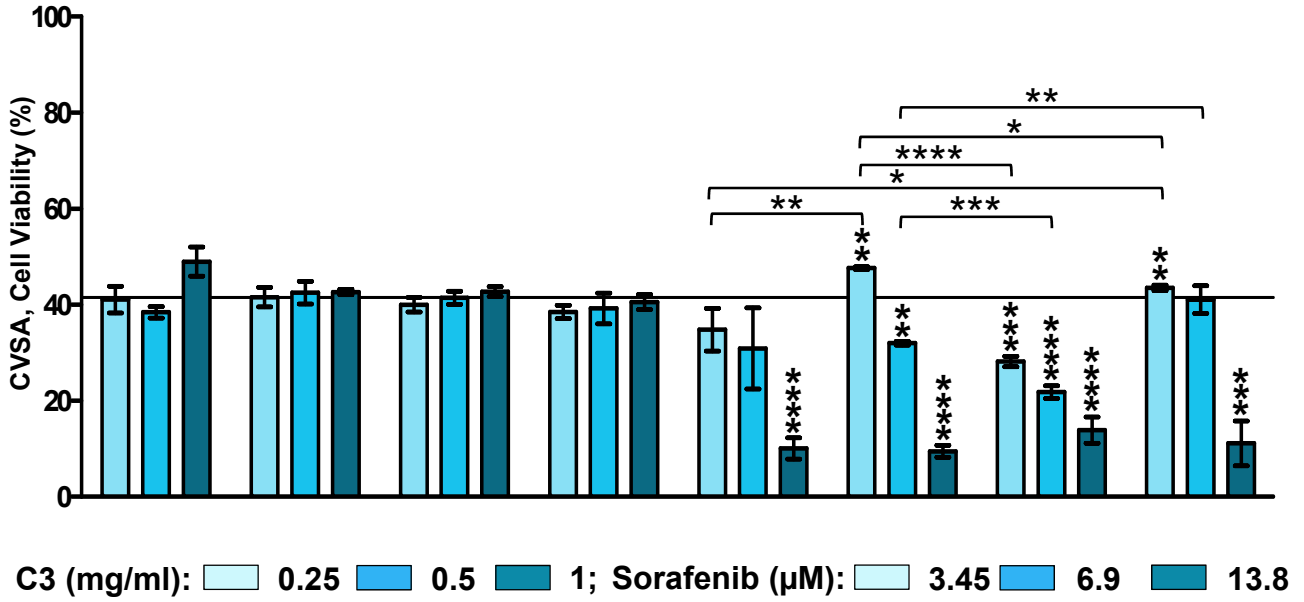
Supplementary Figure 6



Supplementary Figure 7

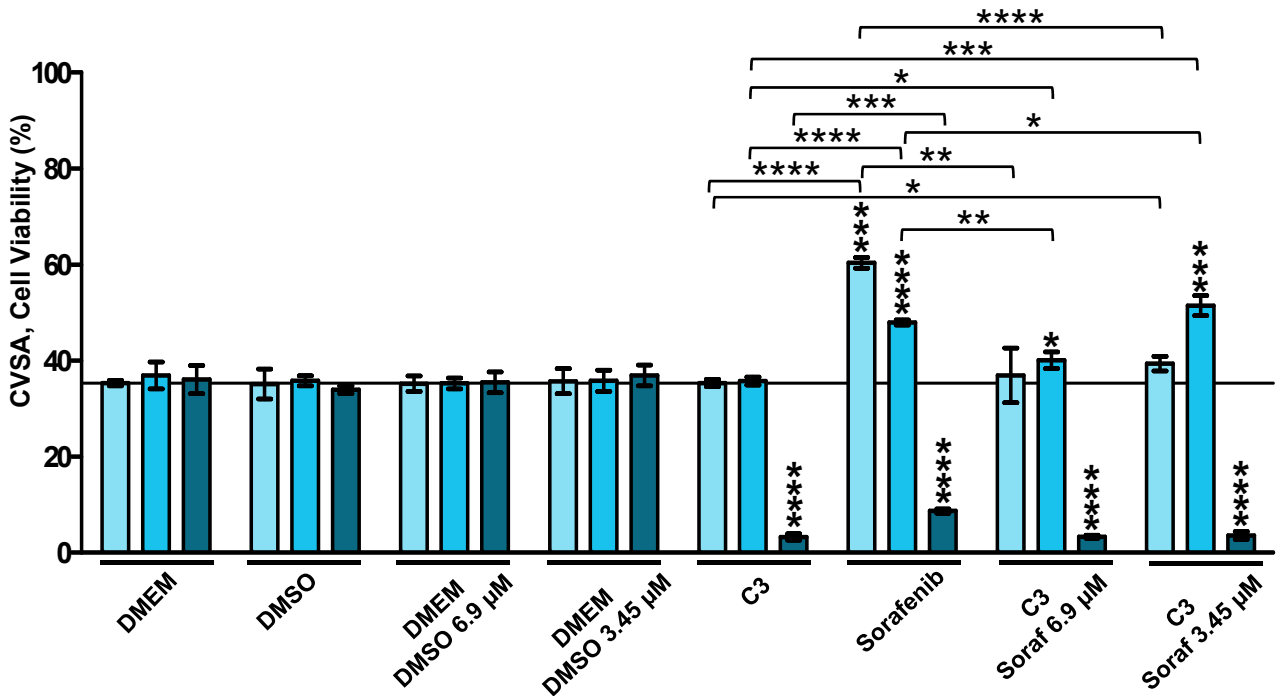
(A)

HCC C3 24 h

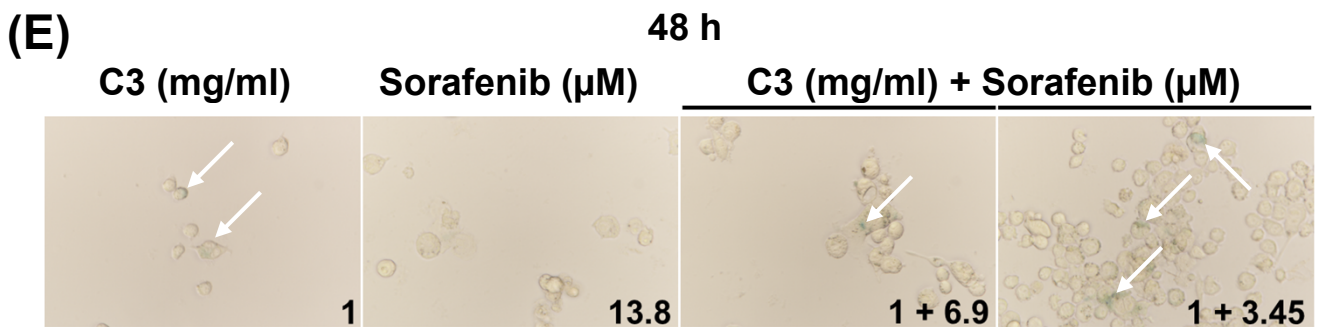
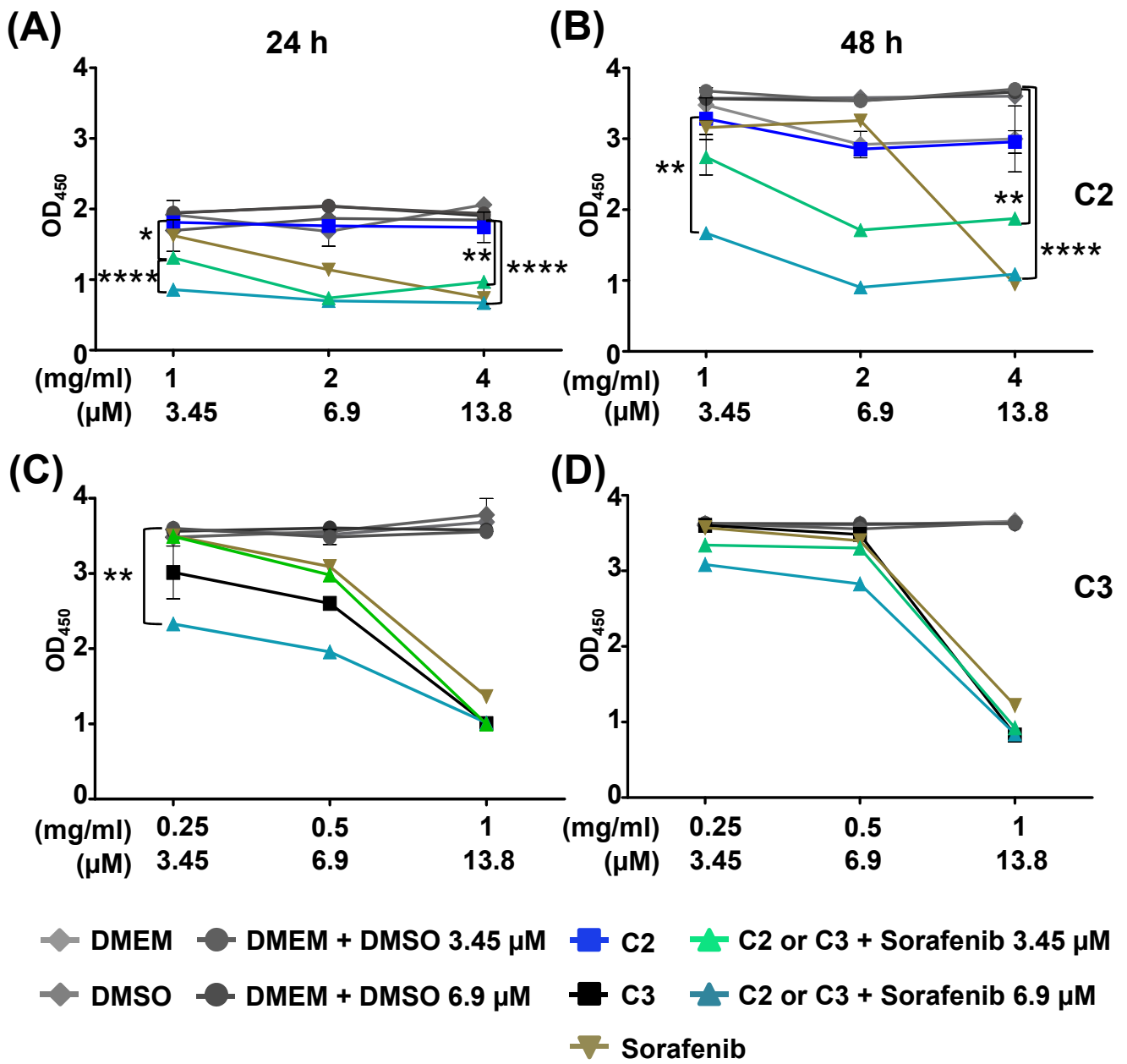


(B)

HCC C3 48 h



Supplementary Figure 8



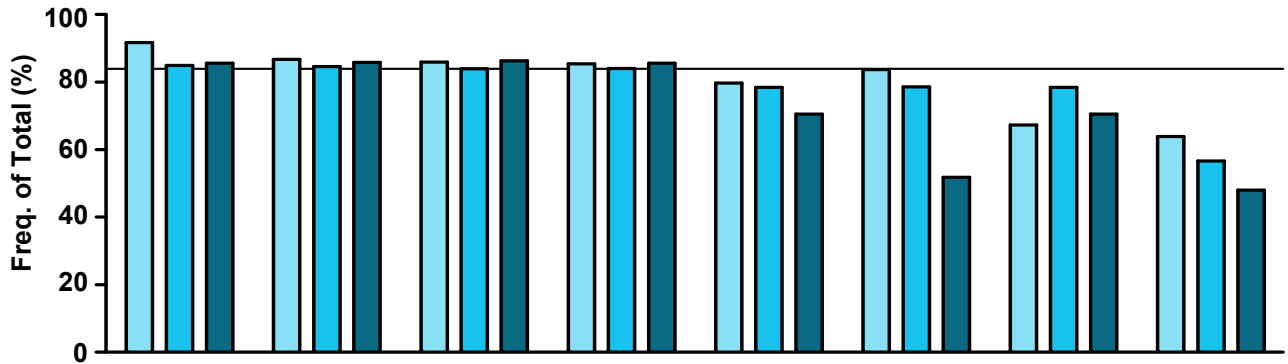
Supplementary Figure 9

(A)

C2 / 48 h

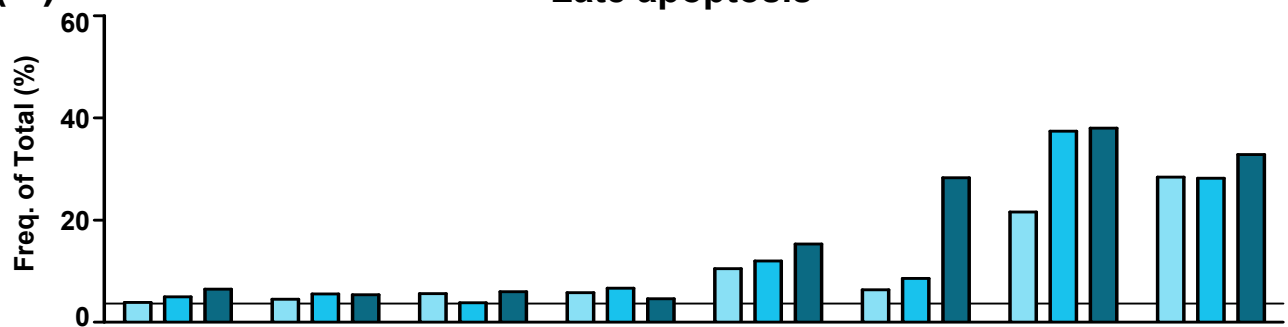
C2 (mg/ml) : 1 2 4; Sorafenib (μM): 3.45 6.9 13.8

Early apoptosis



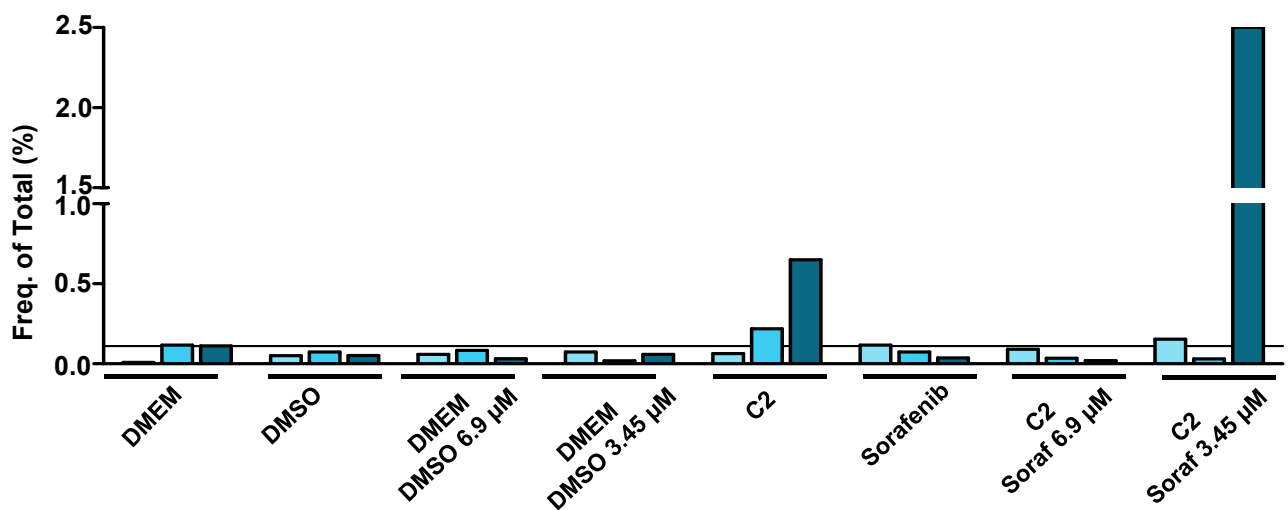
(B)

Late apoptosis



(C)

Necroptosis



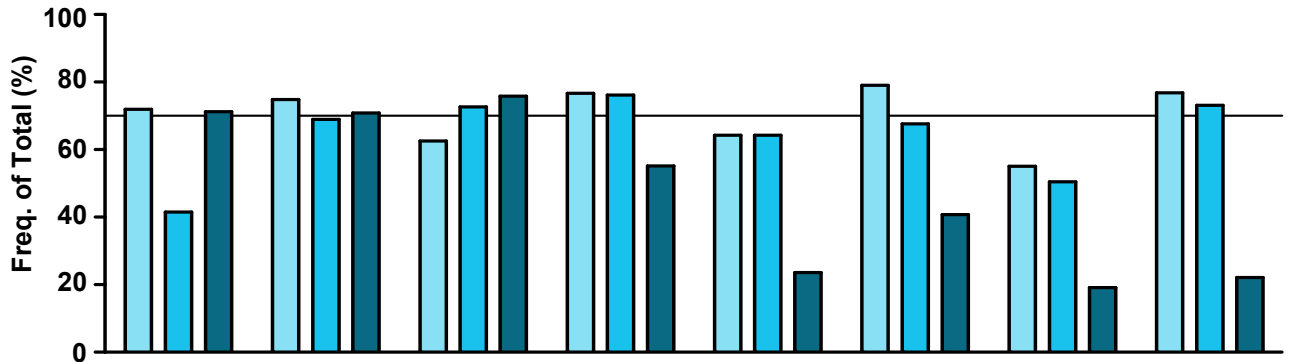
Supplementary Figure 10

(A)

C3 / 48 h

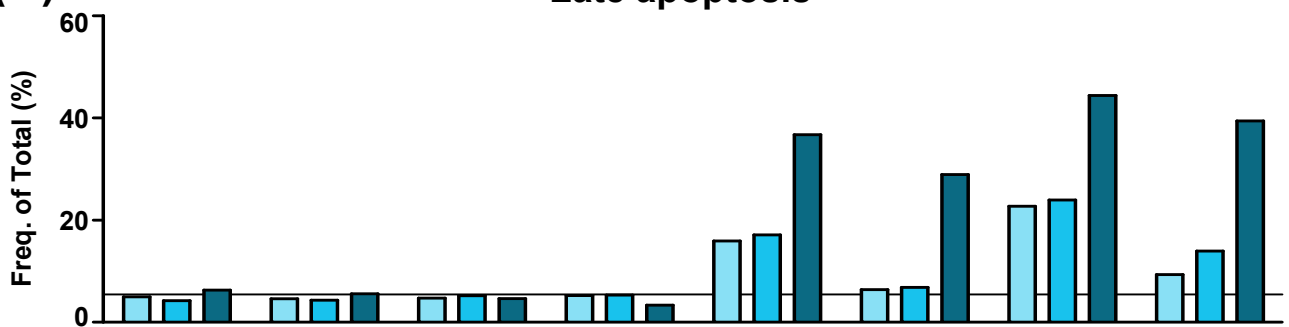
C3 (mg/ml): 0.25 0.5 1; Sorafenib (μ M): 3.45 6.9 13.8

Early apoptosis



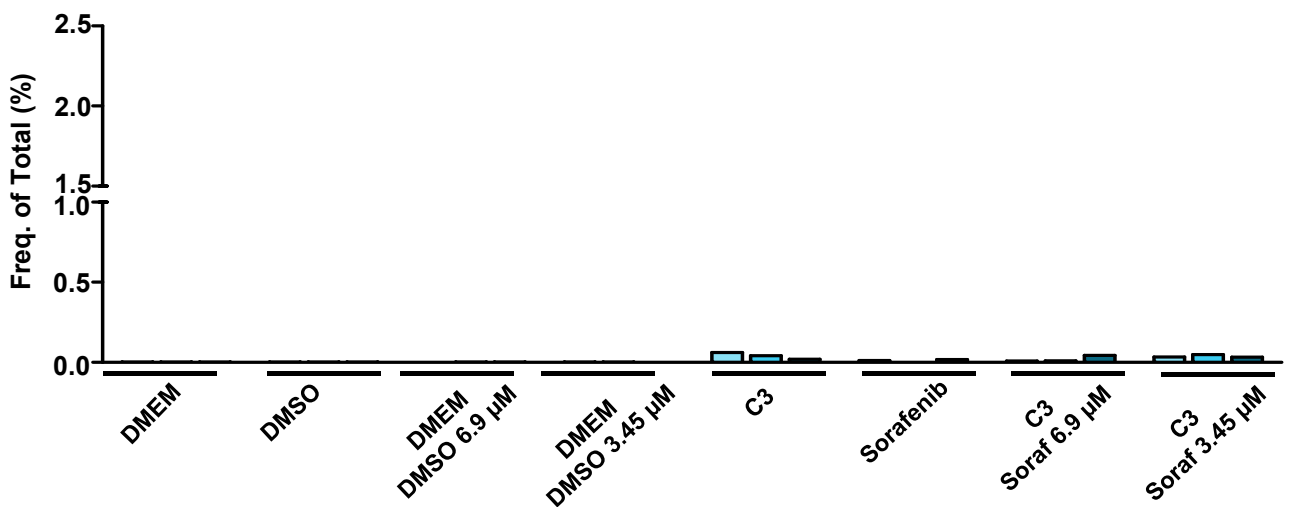
(B)

Late apoptosis



(C)

Necroptosis



Supplementary Figure 11

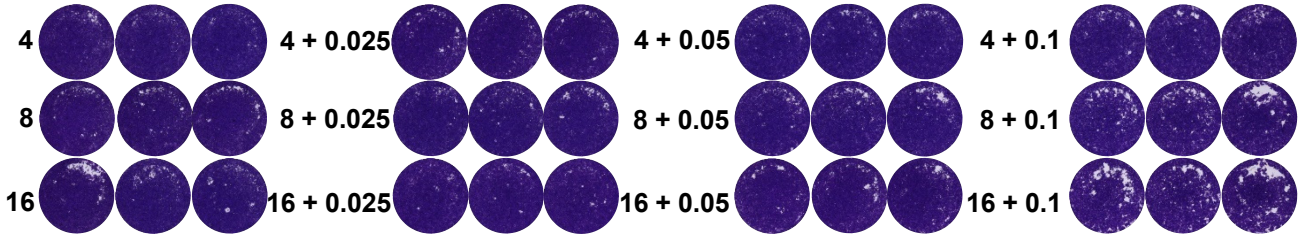
24 h

Monotherapy:

Combination:

C1 (mg/ml)

C1 (mg/ml) + Gemcitabine (μ M)

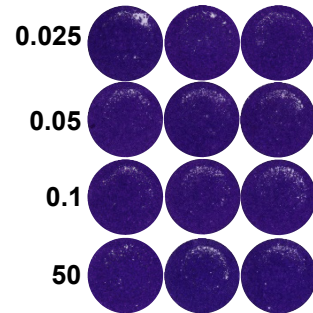
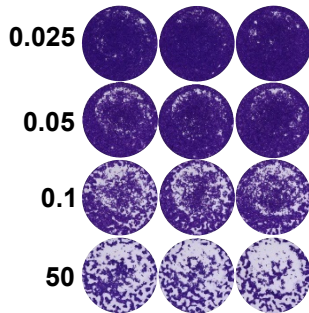


Monotherapy:

Control:

Gemcitabine (μ M)

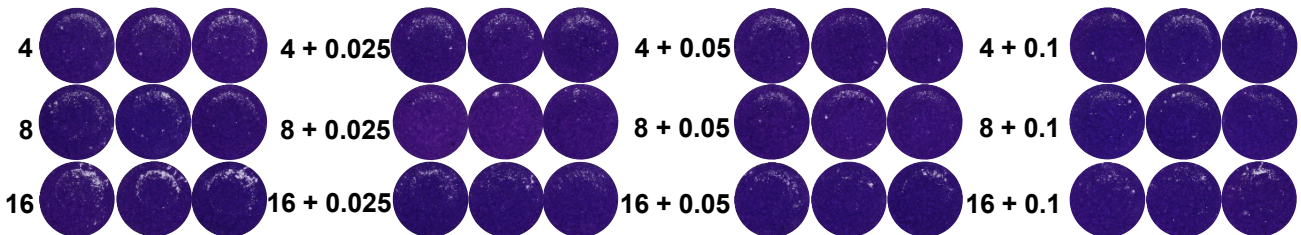
NaCl (μ M)



Controls:

DMEM (mg/ml)

DMEM (mg/ml) + NaCl (μ M)



Supplementary Figure 12

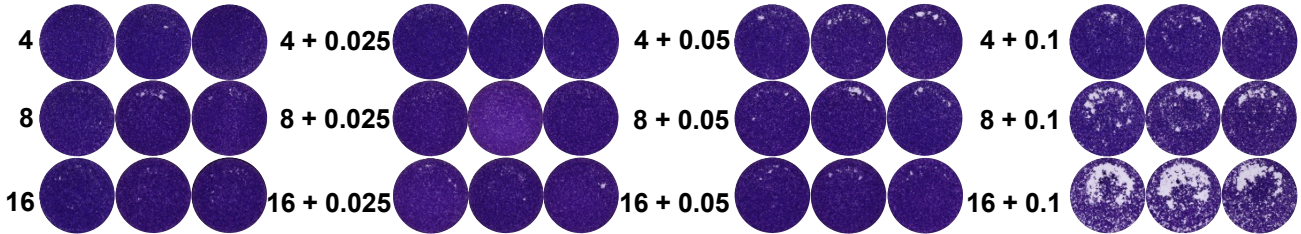
48 h

Monotherapy:

Combination:

C1 (mg/ml)

C1 (mg/ml) + Gemcitabine (μ M)

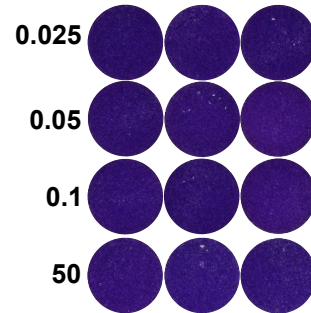
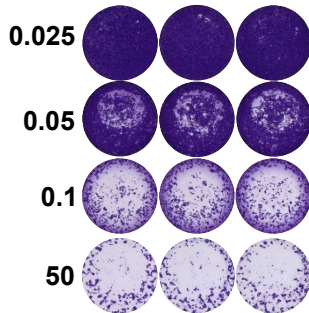


Monotherapy:

Control:

Gemcitabine (μ M)

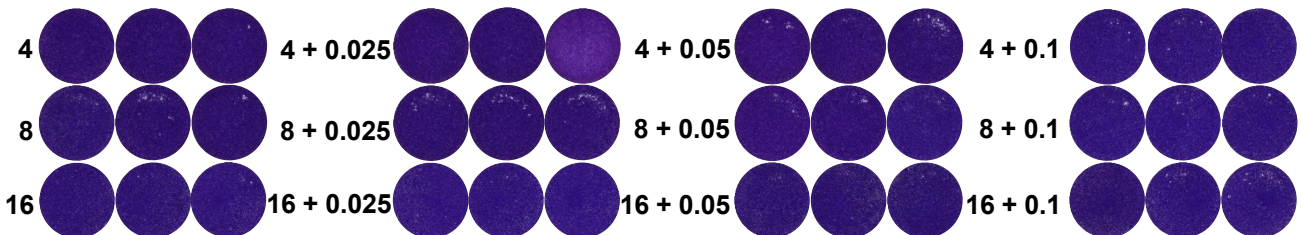
NaCl (μ M)



Controls:

DMEM (mg/ml)

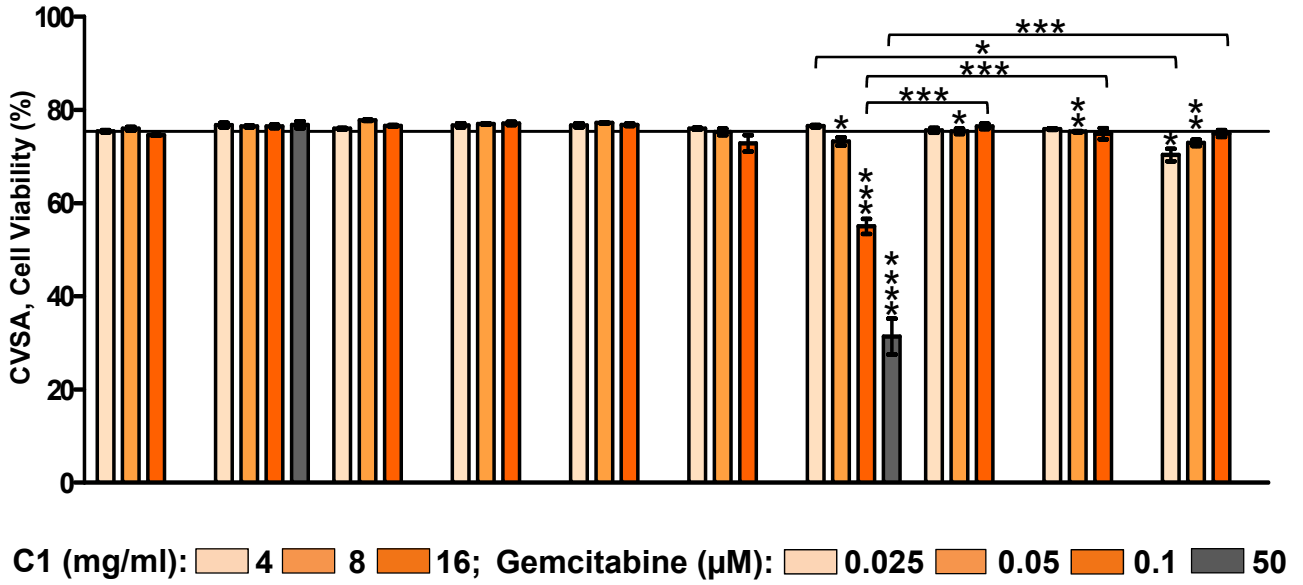
DMEM (mg/ml) + NaCl (μ M)



Supplementary Figure 13

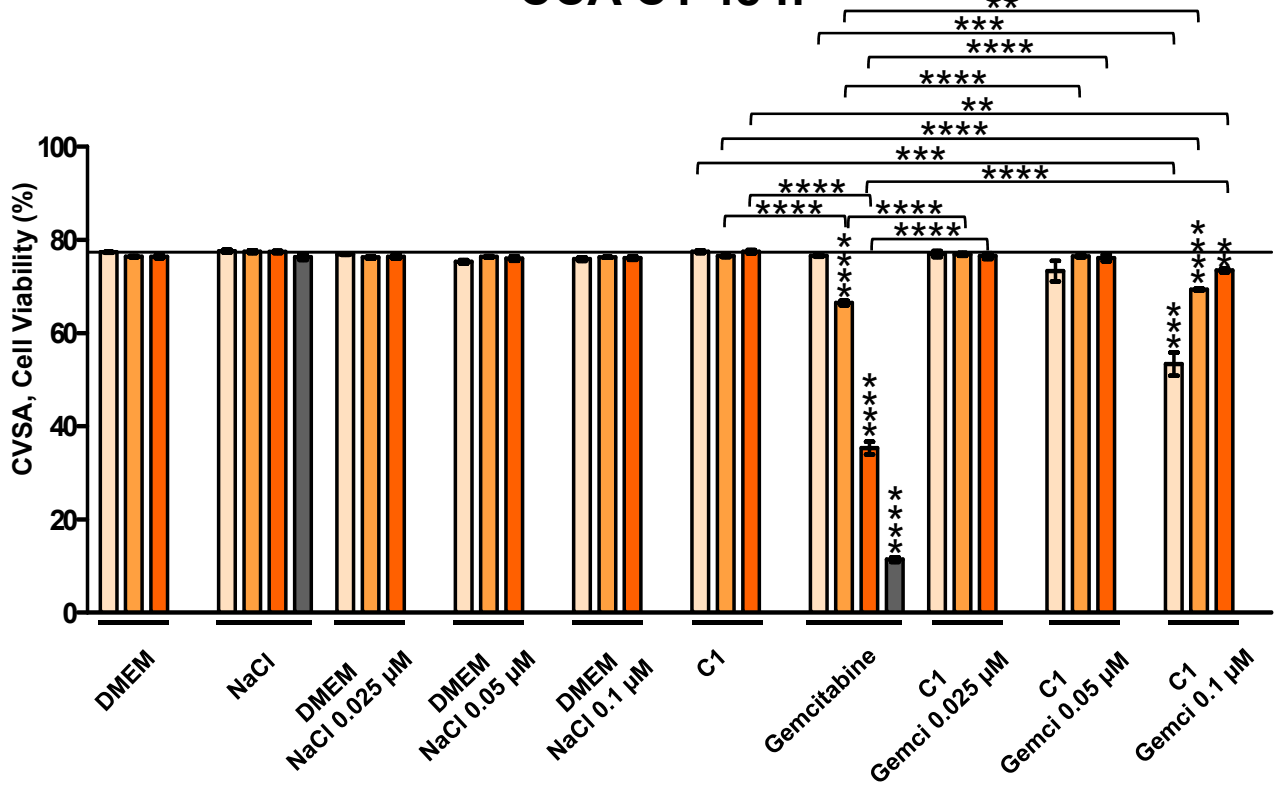
(A)

CCA C1 24 h



(B)

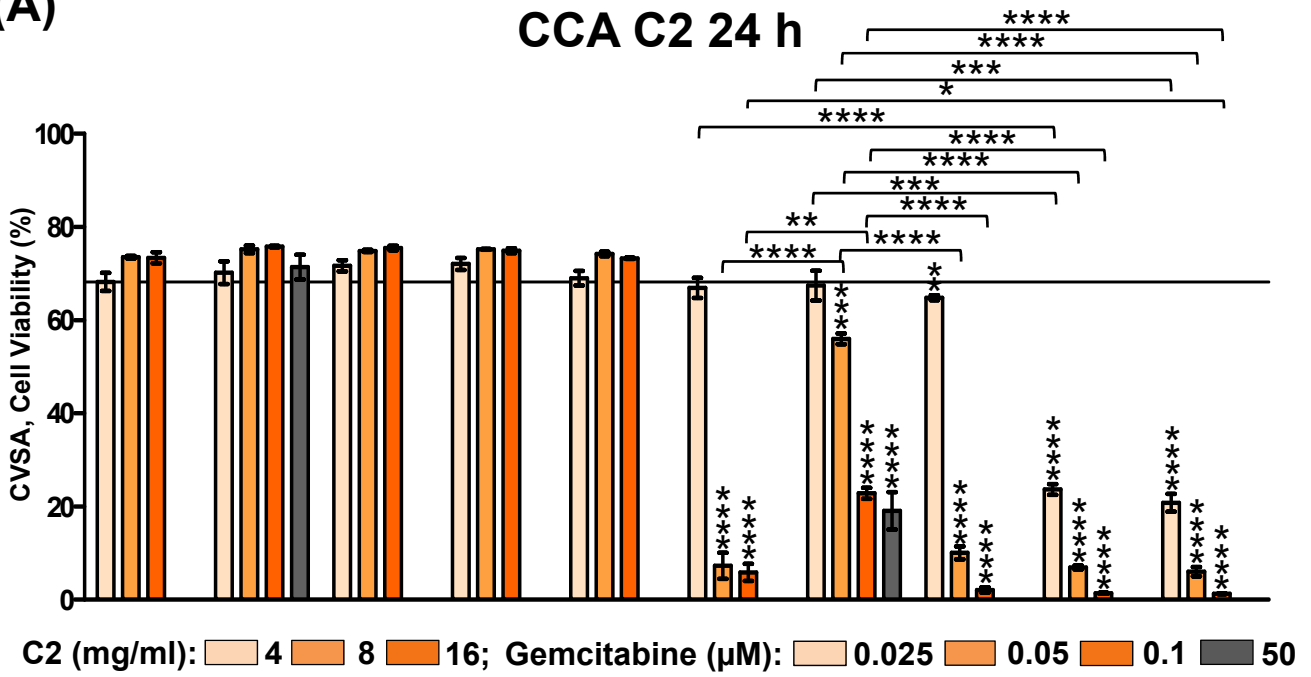
CCA C1 48 h



Supplementary Figure 14

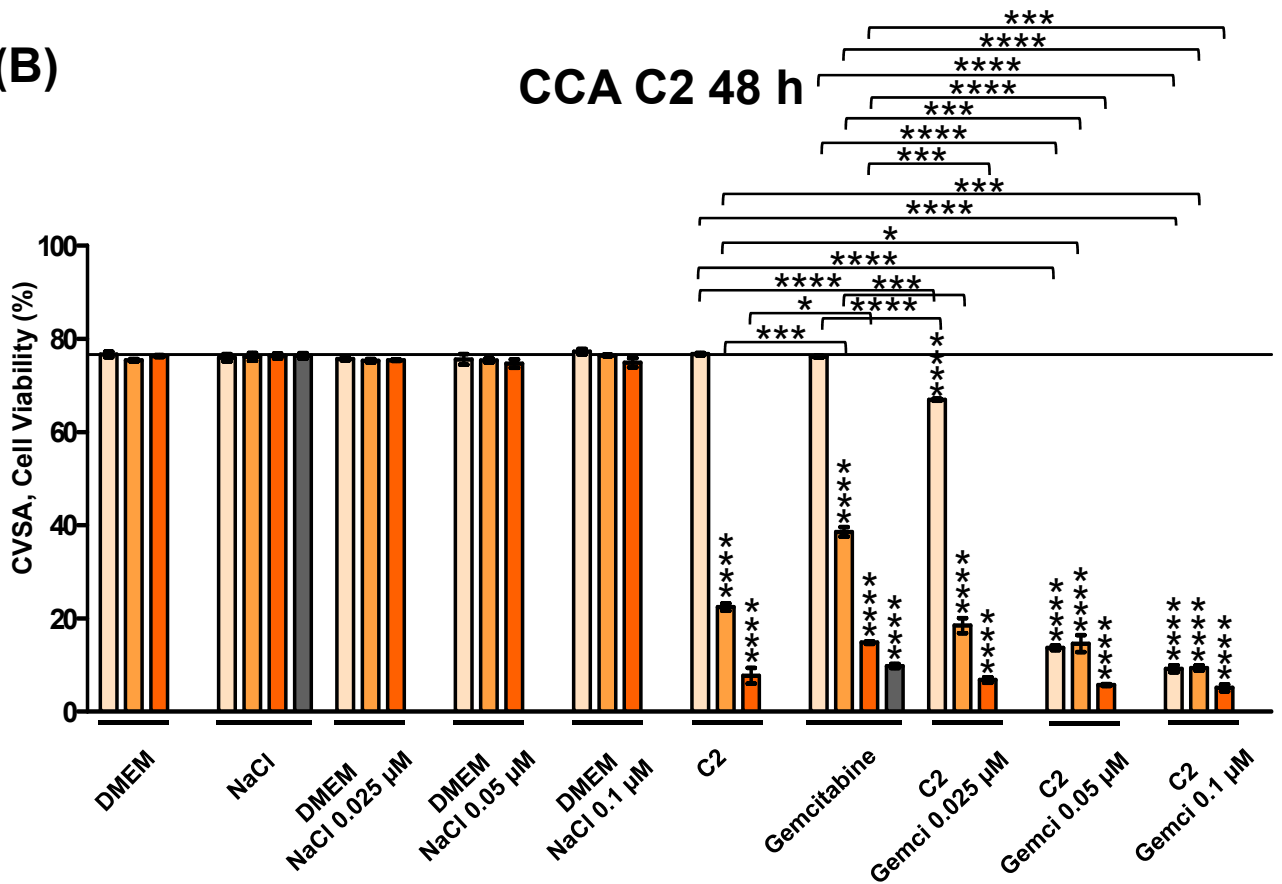
(A)

CCA C2 24 h



(B)

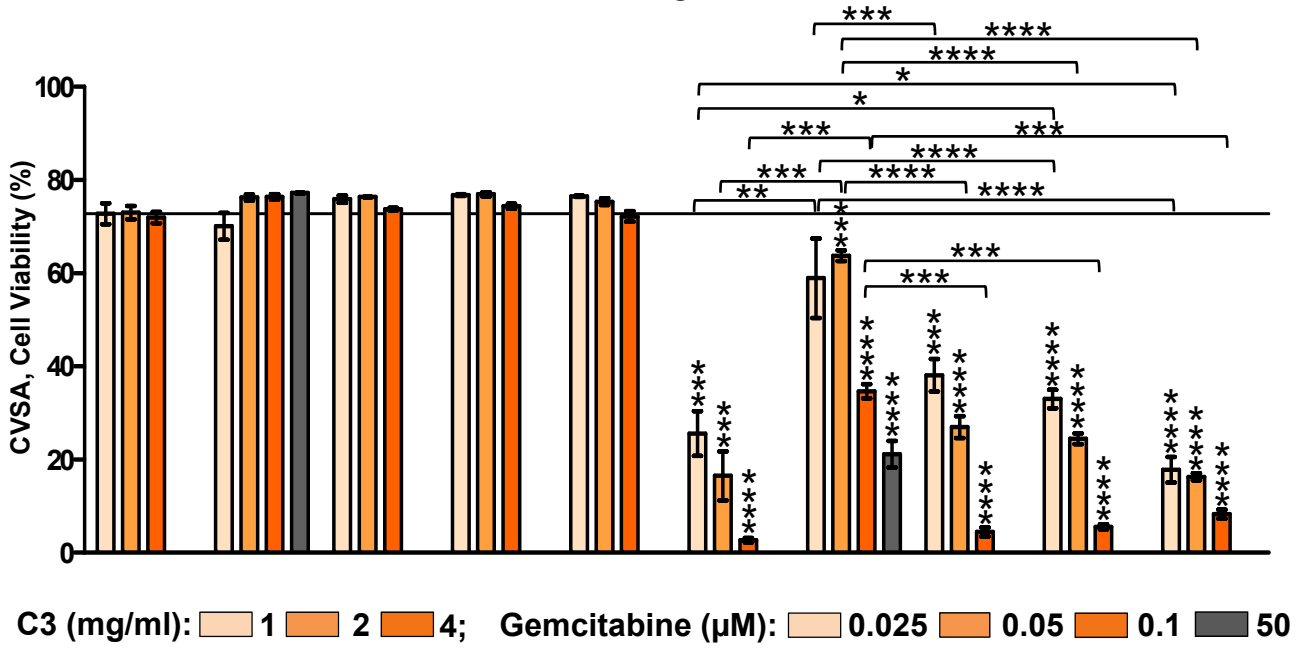
CCA C2 48 h



Supplementary Figure 15

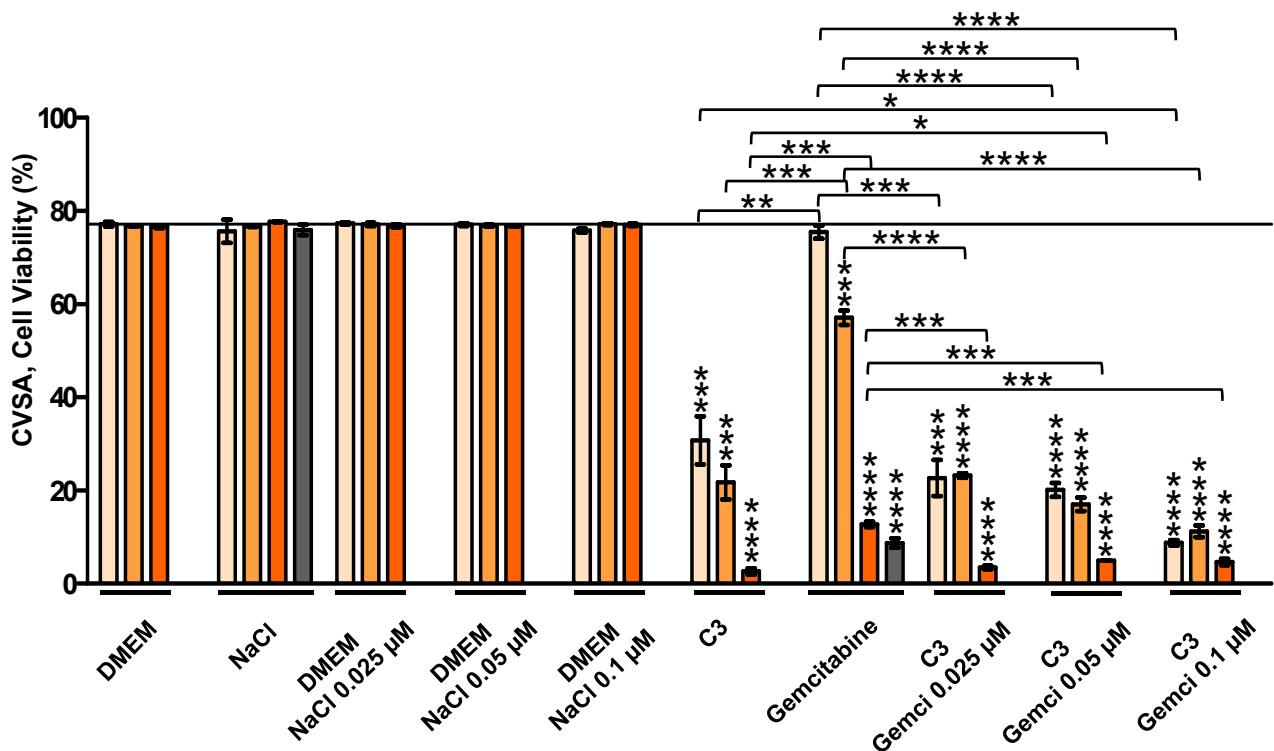
(A)

CCA C3 24 h

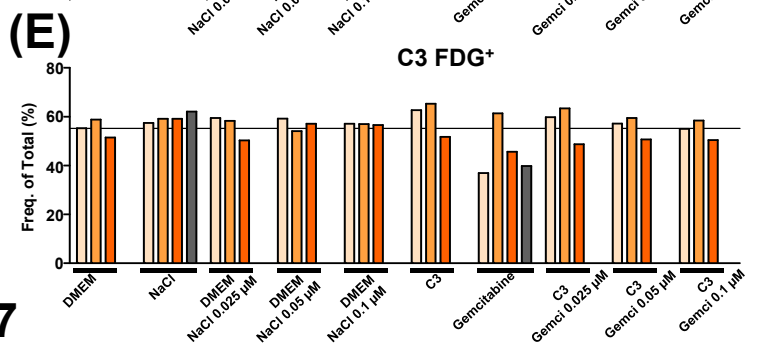
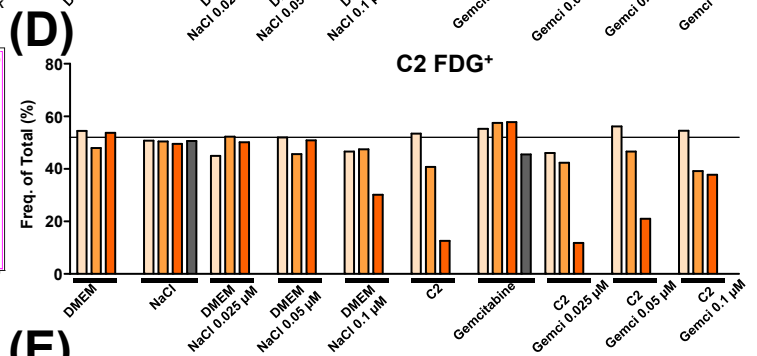
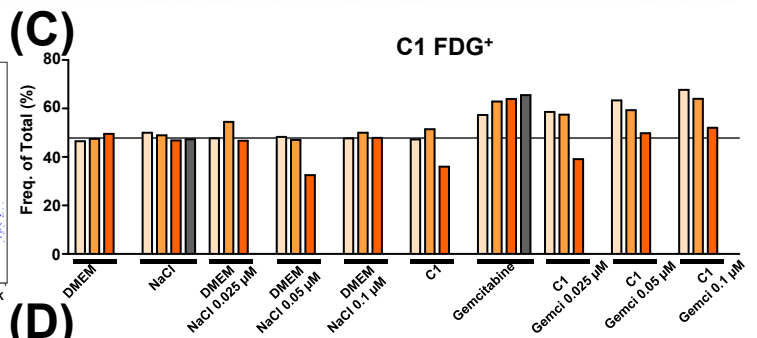
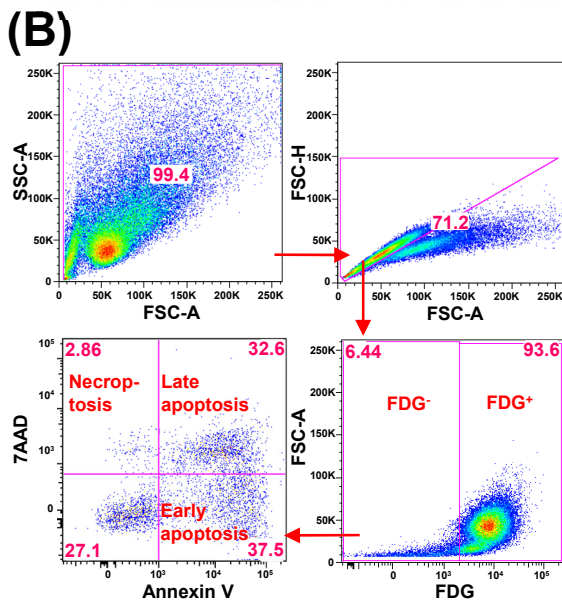
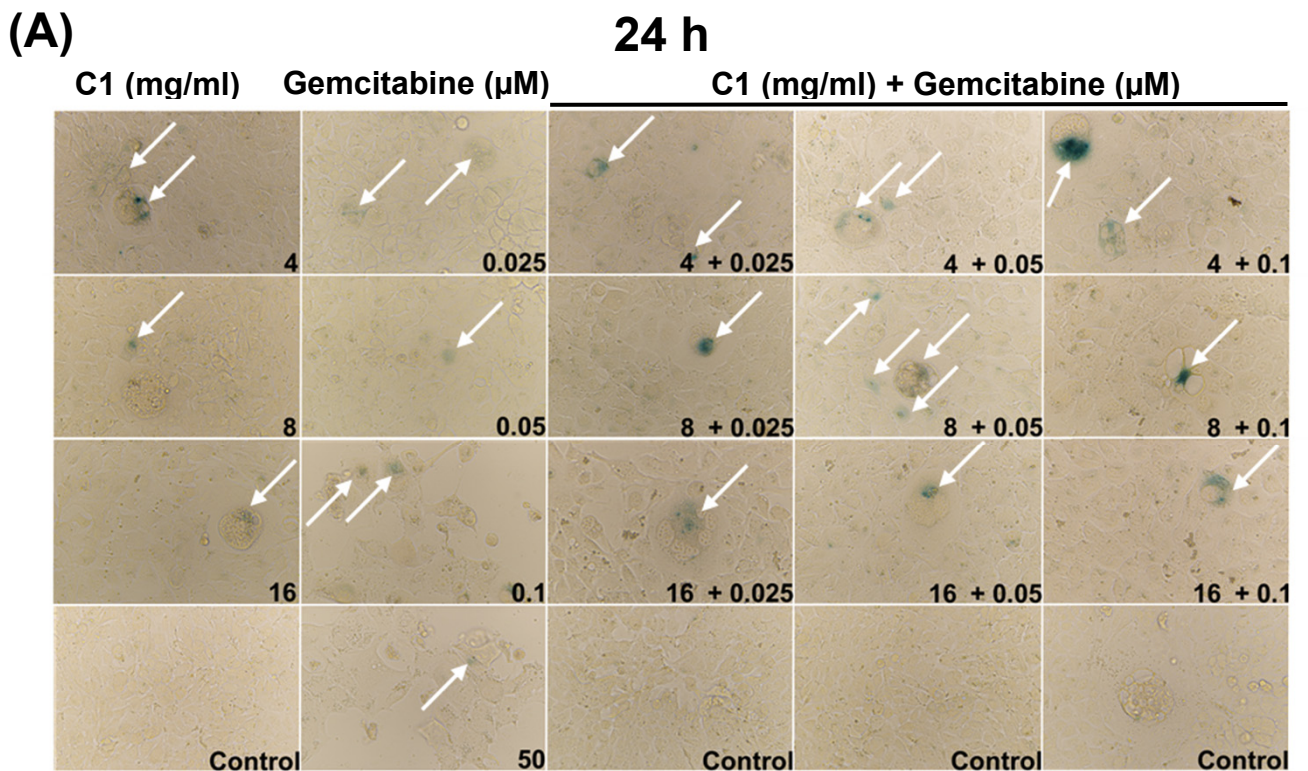


(B)

CCA C3 48 h



Supplementary Figure 16



C1 or C2 (mg/ml): 4 8 16
 C3 (mg/ml): 1 2 4
 Gemcitabine (μ M): 0.025 0.05 0.1 50

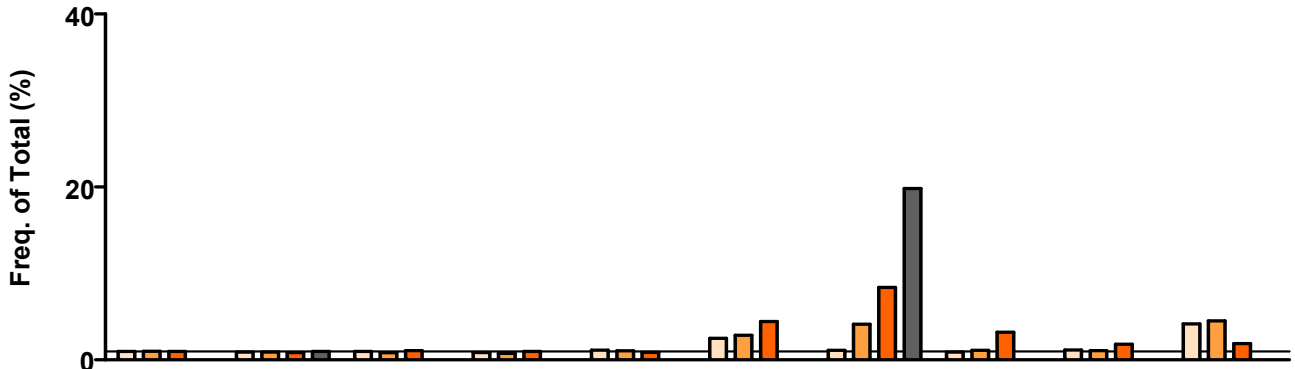
Supplementary Figure 17

(A)

C1 / 48 h

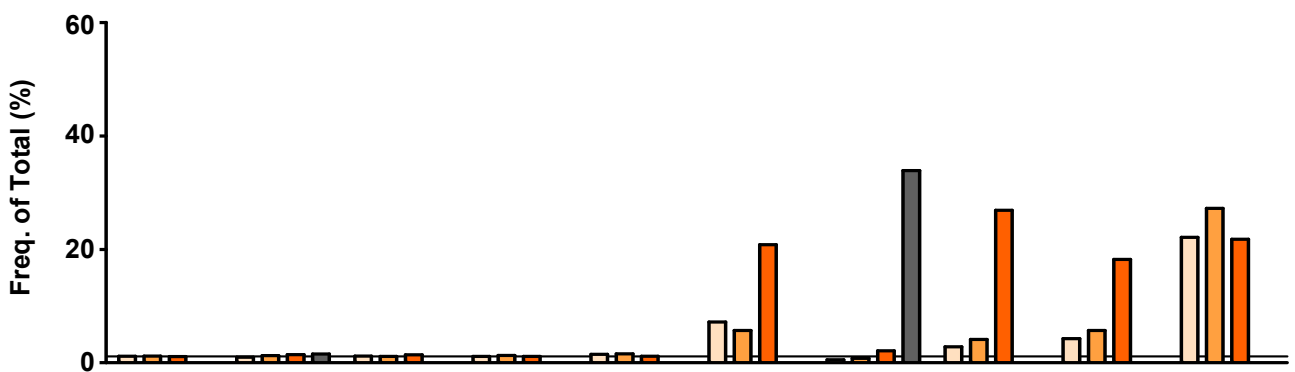
C1 (mg/ml): 4 8 16; Gemcitabine (μ M): 0.025 0.05 0.1 50

Early apoptosis



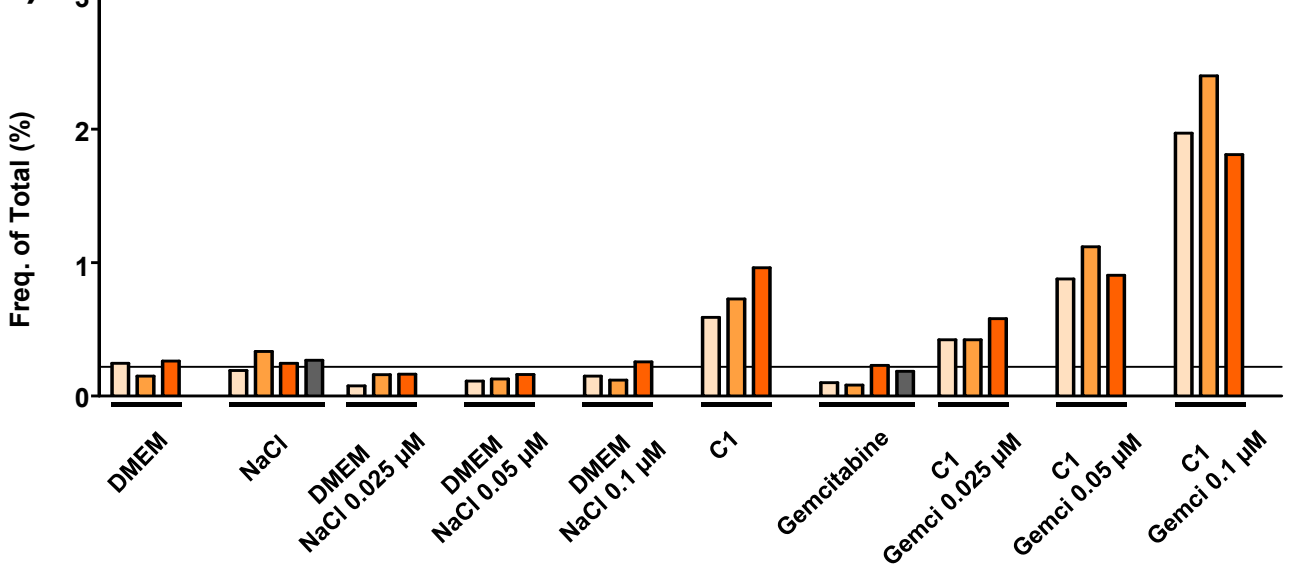
(B)

Late apoptosis



(C)

Necroptosis



Supplementary Figure 18