Supplementary Materials

Cannabidiol Enhances the Therapeutic Effects of TRAIL by Upregulating DR5 in Colorectal Cancer

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Combination index	0.77862	0.87149	0.68285	0.67750
Description	Moderate Synergism	Slight Synergism	Synergism	Synergism
CBD (µM)	2	2	4	4
TRAIL (ng/mL)	10	20	10	20

Figure S1. Combination index to cannabidiol and TRAIL CI according to cannabidiol and TRAIL in DLD-1 CI = 0.3–0.7, Synergism; CI = 0.7–0.85, Moderate Synergism; CI = 0.85–0.9, Slight Synergism.

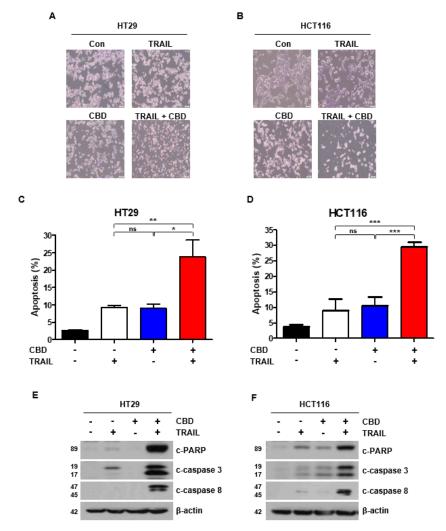


Figure S2. Effect of combined cannabidiol and TRAIL on TRAIL-induced apoptosis of HT29 or HCT116 cells. (**A,B**) Morphology of DLD-1 cells that were pretreated with or without 4 μ M cannabidiol for 24 h and then treated with TRAIL at 10 ng/mL for 4 h. 100×. (**C,D**) HT29 of HCT116

cells were treated with 4 μ M cannabidiol and/or 10 ng/mL TRAIL for 24 h. Flow cytometry using double staining with annexin V and PI was performed. (E,F) Effect of combined treatment with cannabidiol and TRAIL on levels of apoptosis-associated proteins. * p < 0.05; ** p < 0.01; *** p < 0.001. CBD, cannabidiol; ns, not significant.



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