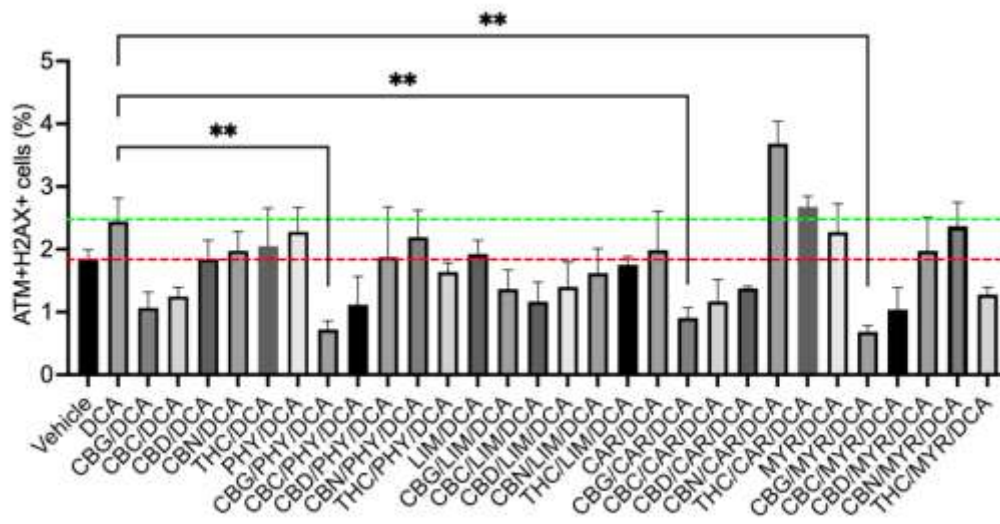


**Supplemental Figure 1** The non-linear regression analysis of the XTT cell viability assay performed for the HET1A cells cultured in the presence of increasing doses of DCA. The bar graph represents the relative fluorescence determined by the CM-DCFDA ROS assay of CP-A cells exposed to 100  $\mu$ M DCA and a series of combination ratios of CBG and Phy. Data were analyzed using one-way ANOVA with multiple comparisons. The p values are shown for the combinations that resulted in a statistically significant reduction of the CM-DCFDA fluorescence.



**Supplemental Figure 2** The bar graph illustrates the percentage of ATM+/H2AX+ HesEpic cells exposed to 100  $\mu$ M DCA and a series of combinations of cannabinoids and terpenes as determined by the Muse

**Multi-color DNA Damage Kit (Cytex, USA).** Data were analyzed using one-way ANOVA with multiple comparisons. \*\*  $p < 0.01$