


**Figure S1.** Cell viability of RAW264.7 (**A**) and THP-1 cells (**B**) treated with undigested (U) and digested (D) HYD, M, and MH at 0.5 mg/mL for 24 h. Mean values represented as bars, and standard deviations represented as error bars (n=8). Different lowercase letters show significant differences among experimental groups (one-way ANOVA, post hoc Duncan's test, $p \leq 0.05$). Abbreviations: colon cancer cells treated with growth media without LPS (C−(−)); with growth media with LPS (1 µg/mL) (C+(−)); undigested WB hydrolysate (U-HYD); digested WB hydrolysate (D-HYD); undigested control mousse (U-M); digested control mousse (D-M); undigested mousse with WB hydrolysate (U-MH); and undigested mousse with WB hydrolysate (U-MH).

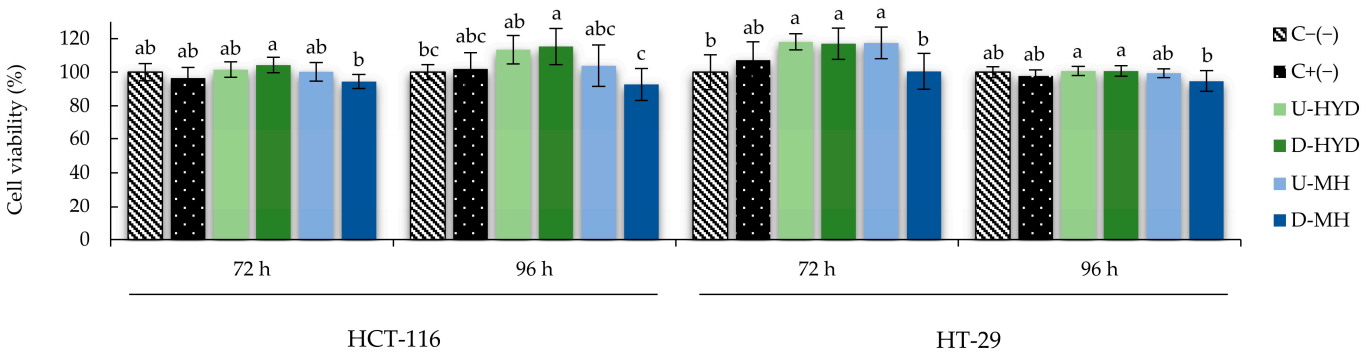



**Figure S2.** Cell viability of HCT-116 and HT-29 cells exposed to undigested (U) or digested (D) HYD and MH at 0.5 mg/mL for 72 and 96 h. Bars represent means, and error bars represent standard deviations (n = 8). Different lowercase letters show significant differences from each other (one-way ANOVA, post hoc Duncan's test, $p \leq 0.05$). Abbreviations: colon cancer cells treated with growth media without LPS (C−(−)); with growth media with LPS (1 µg/mL) (C+(−)); undigested WB hydrolysate (U-HYD); digested WB hydrolysate (D-HYD); undigested mousse with WB hydrolysate (U-MH); and undigested mousse with WB hydrolysate (U-MH).

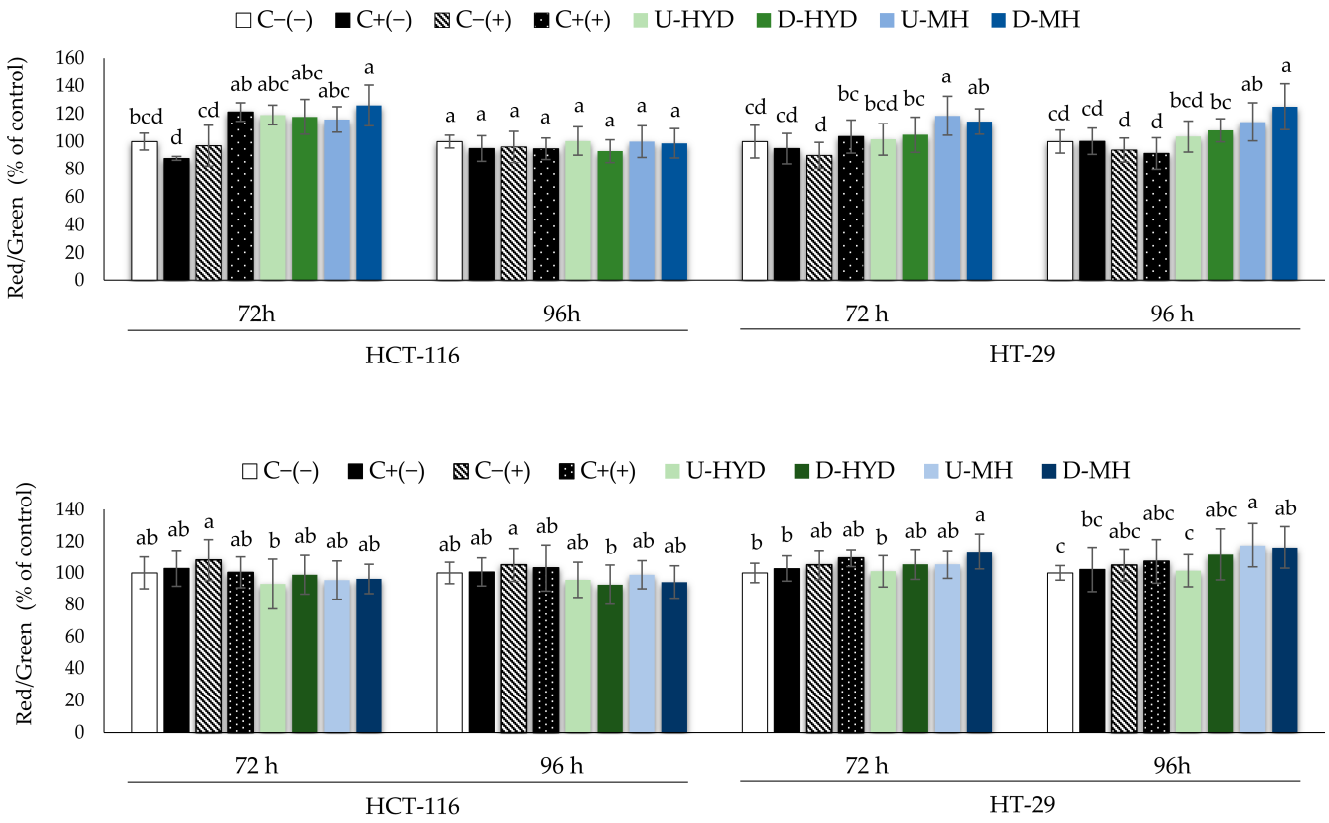



**Figure S3.** Mitochondrial depolarization using JC-1 die in HCT-116 and HT-29 cells exposed to undigested (U) or digested (D) HYD and MH at 0.5 mg/mL for 72 and 96 h. Numerical data were expressed as % of Red/Green fluorescence$^{+}$ cells respect to the control. Bars represent means, and error bars represent standard deviations (n = 8). Different lowercase letters show significant differences from each other (one-way ANOVA, post hoc Duncan's test, $p \leq 0.05$). Abbreviations: colon cancer cells treated with growth media without LPS (C−(−)); with growth media with LPS (1 µg/mL) (C+(−)); with non-stimulated macrophage supernatant (C−(+)); with LPS-stimulated macrophage supernatant (C+(+)); undigested WB hydrolysate (U-HYD); digested WB hydrolysate (D-HYD); undigested mousse with WB hydrolysate (U-MH); and undigested mousse with WB hydrolysate (U-MH).