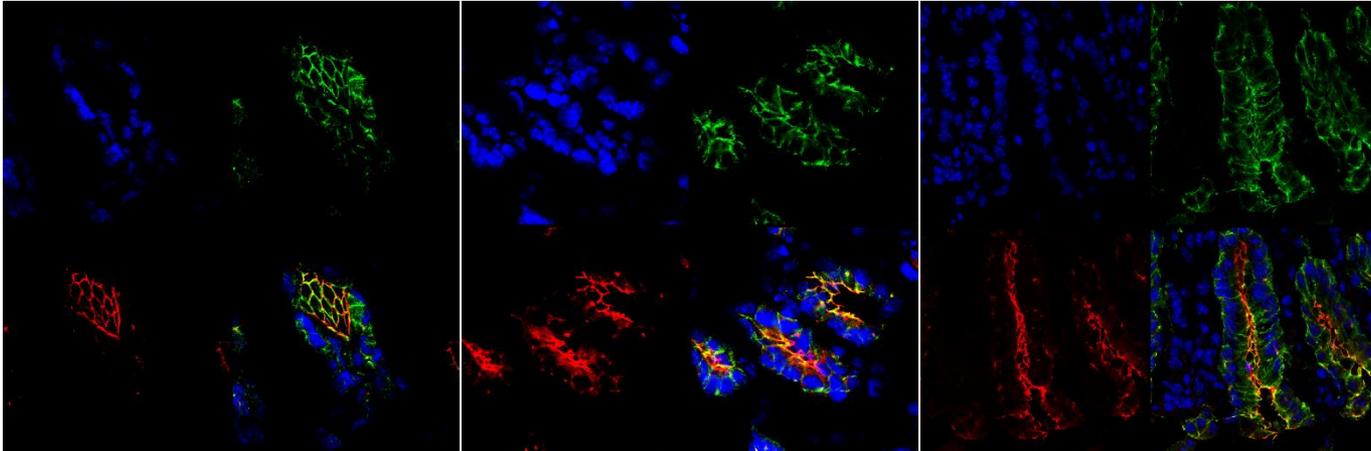


Figure S1. E-Cadherin expression modulation by DNBS. Colon from C57BL/6 mice were untreated (CTRL) or exposed to DNBS (1,5mg/ml; B) for 5h, in GEVS, and the expression of E-Cadherin was evaluated by both RT-qPCR (A) and western blotting (B) analysis. Actin was used as loading control. Data are representative of experiments performed three times, in triplicate. Histograms are representative of mean \pm standard deviation; * $p < 0,05$.

A



B

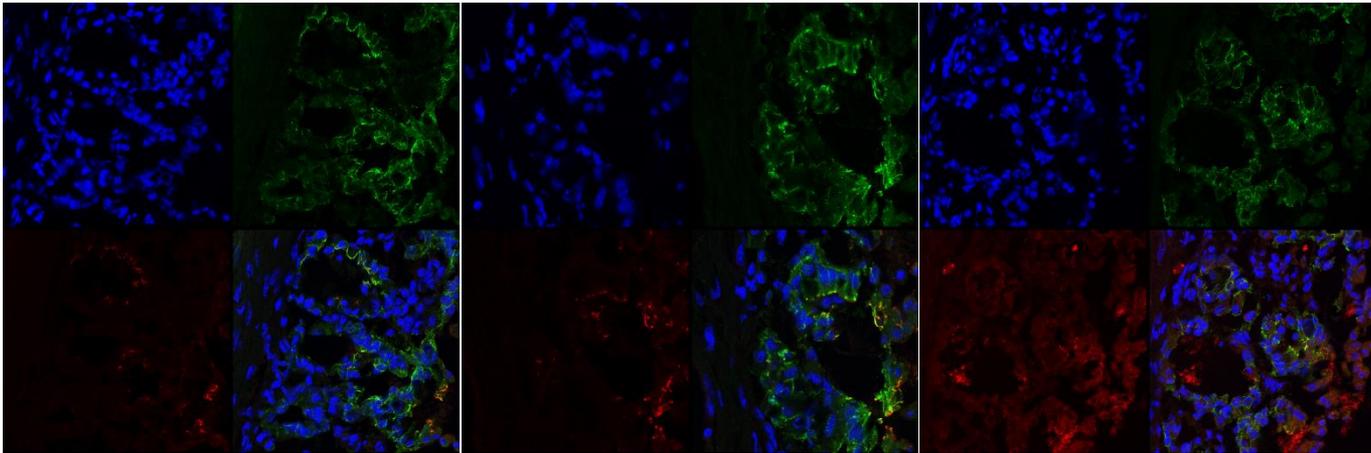


Figure S2. TJ dysregulation by DNBS. Colon from C57BL/6 mice were untreated (A) or exposed to DNBS (1,5mg/ml; B) for 5h, in GEVS. Tissue distribution of TJs was evaluated analyzing the localization of ZO-1 (red). Epithelial cells were evidenced by the expression of E-Cadherin (green), while cell nuclei were evidenced by DAPI (blue) staining.