



Supplementary Figure 1. Experimental design to simulate chronic treatment of Caco-2 cell monolayers. Cells were cultured in growth media with either 0 μM (control), 1 μM , or 10 μM of EGCG, EC, green tea, or grape seed extract added to the apical chamber. After all cell treatments were cultured in growth media containing no added flavan-3-ols (control media) for 24 h, transport was assessed over 4 h in the three compartment model with a 100 μM acute dose of green tea or grape seed extract, while uptake and metabolism was assessed over 90 min in the two compartment model using a 50 μM acute dose. Abbreviations: GTE, green tea extract; GSE, grape seed extract; EGCG, epigallocatechin gallate; EC, epicatechin.