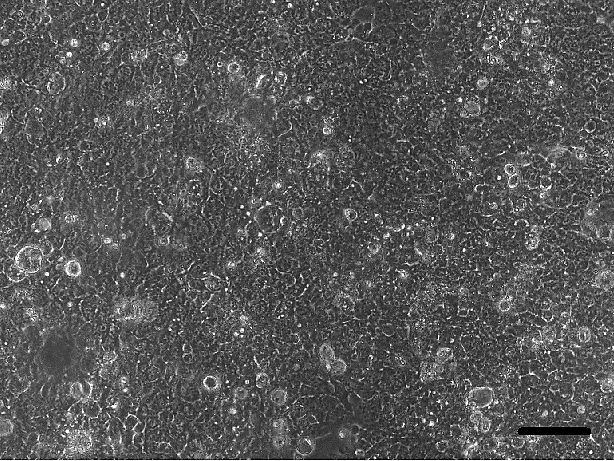
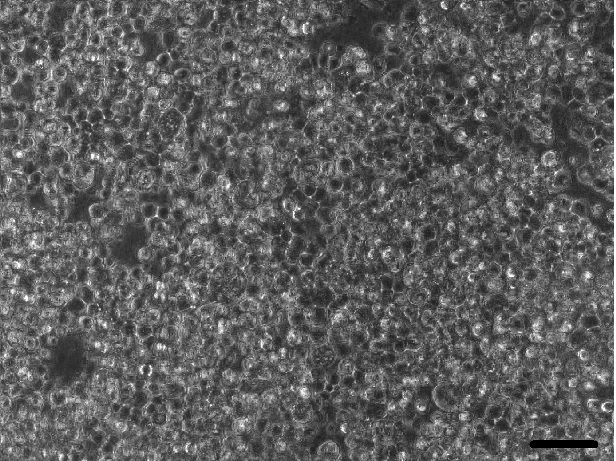
**Supporting Information**



**(A)**

**(B)**

**S6 Fig.** Phase contrast microscopic images of Caco-2 cells seeded in microchambers (A) 2hrs after seeding before starting the continuous flow of DMEM across the cells; (B) 16hr after starting flow of DMEM across the cells. Images were taken at the same position of the same microchamber. (scale bar = 100µm)