

Supplementary Figure

The novel inhibitory effect of YM976 on adipocyte differentiation

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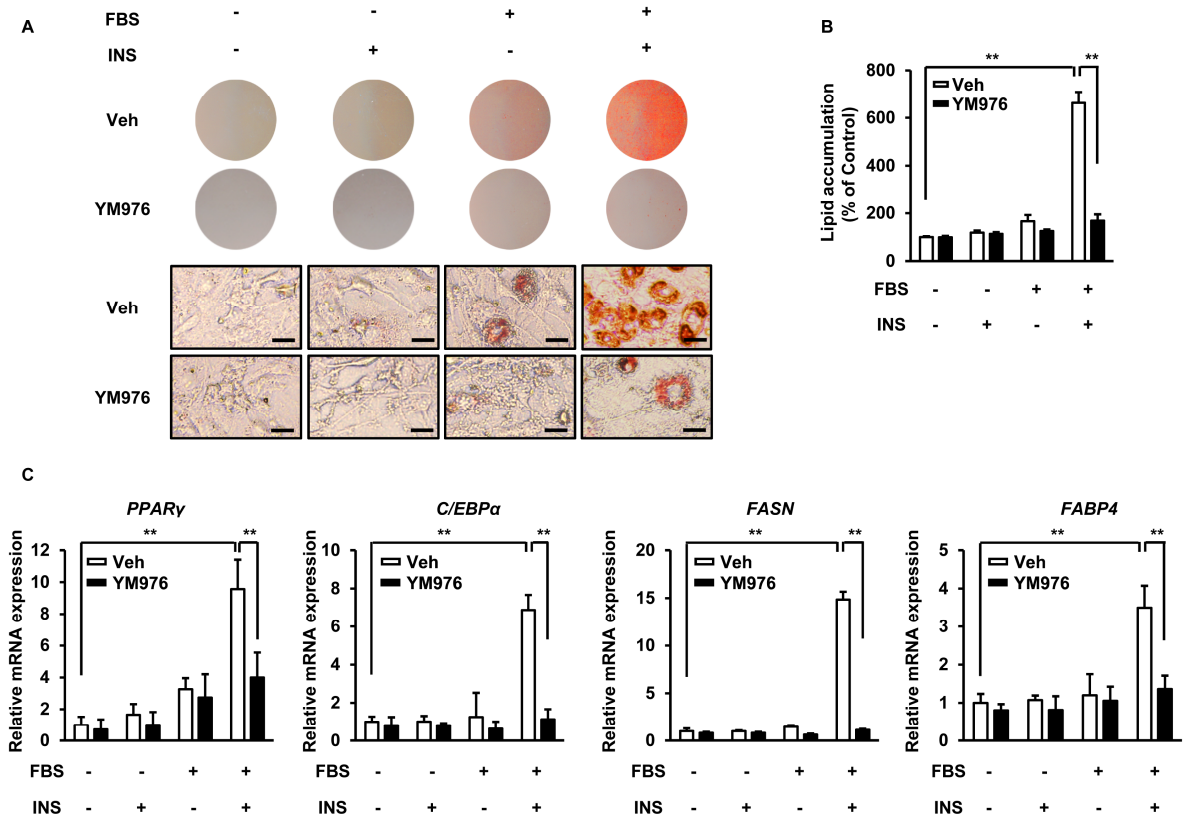


Figure S1. YM976 suppresses adipocyte differentiation. 3T3-L1 cells were exposed to differentiation media in the presence or absence of FBS or insulin and treated with Veh or 10 μ M YM976 every other day from initiation to six days of differentiation. (A) Microscopic images of Oil Red O Staining. (B) Quantification of Oil Red O staining by spectrophotometry. (C) The mRNA expression of PPAR γ , C/EBP α , FASN, and FABP4 in cells treated with Veh or YM976 was analyzed by qRT-PCR. In B-C, n = 3 per group. Images are representative of three independent experiments. Scale bar = 100 μ m. Values indicate mean \pm SD. ** p < 0.01. Data were assessed by one-way ANOVA.