



Figure S1 Graphical abstract. Dehydroepiandrosterone (DHEA) can reduce Wisp2/PPAR γ expression and thereby activate NF- κ B/TGF- β 1/Smad2/3 signaling pathway and elevate Collagen I, α -SMA, CTGF expression to promote fibrosis of ovarian granulosa cells. Rhamnocitrin (Rha) can improve fibrosis of ovarian granulosa cells via alleviate the influence of DHEA on Wisp2/PPAR γ and downstream related-protein expression. Wisp2 overexpression (OE-Wisp2) had similar effect of Rha, while Wisp2 silence (sh-Wisp2) had opposite effect of Rha.