Figure S1. Micrographs of cells (40x magnification). (A) Control cells grown in a complete medium without any treatment. (B) TGF-β1 group treated with 5 ng/ml TGF-β1. (C) OMT cells treated with 5 ng/ml TGF-β1 and 1.0 mg/ml OMT. (D) OMT + LY294002 cells treated with 5 ng/ml TGF-β1, 1.0 mg/ml OMT and 25 μmol/l LY294002. OMT, oxymatrine.

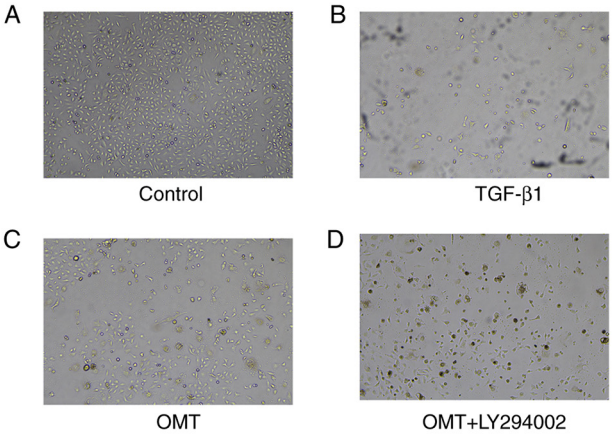

Figure S2. Cell apoptosis analysis (A) Physical parameter plot. (B) Plot excluding adherent cells. (C) Plot reporting the signal from the FITC channel detecting Annexin V and PE channel detecting PI. Q1-LL, Annexin-V negative and PI-negative (live cells); Q1-LR, Annexin V-positive and PI-negative (early apoptosis); Q1-UR, Annexin V-positive, PI-positive cells (late apoptosis); Q1-UL, Annexin V-negative and PI-positive (necrotic cells); SSC-A, side scatter area; SSC-H, side scatter height; FSC-A, forward scatter area; PIPE-A, phycoerythrin channel detecting PI.

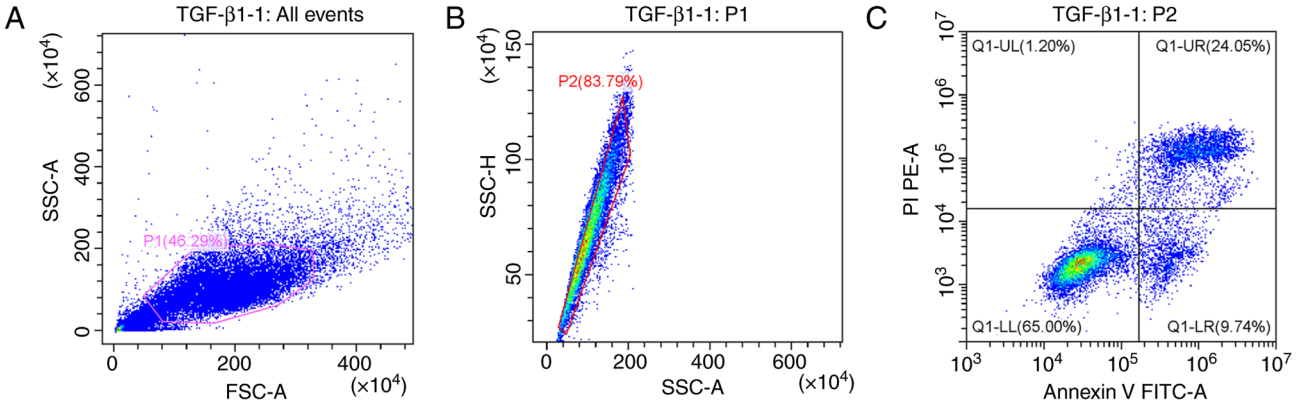
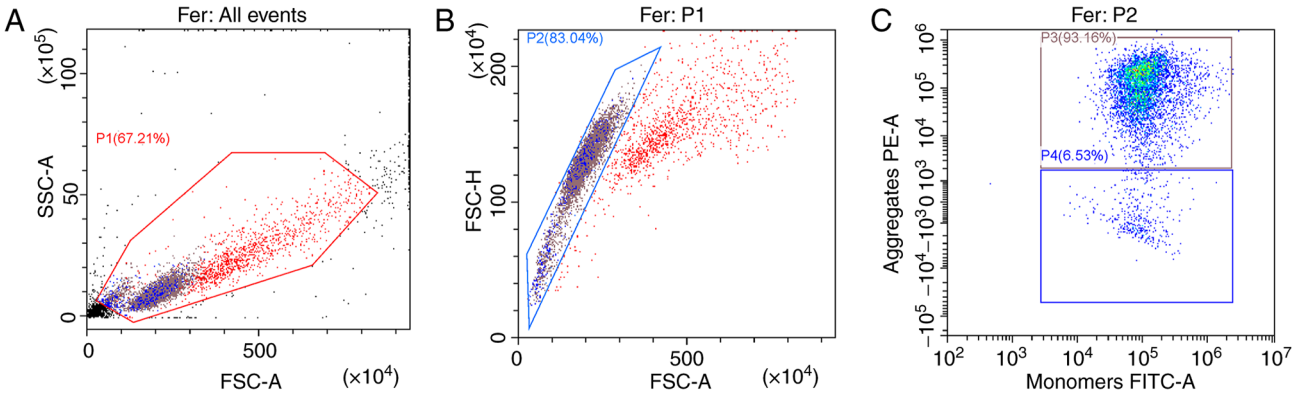
Figure S3. Mitochondrial membrane potential analysis. (A) Physical parameter plot. (B) Plot excluding adherent cells. (C) Plot reporting the signal from the FITC channel detecting JC-1 monomers and signal from the PE channel detecting JC-1 polymer. SSC-A, side scatter area; FSC-H, forward scatter height; PE, phycoerythrin.