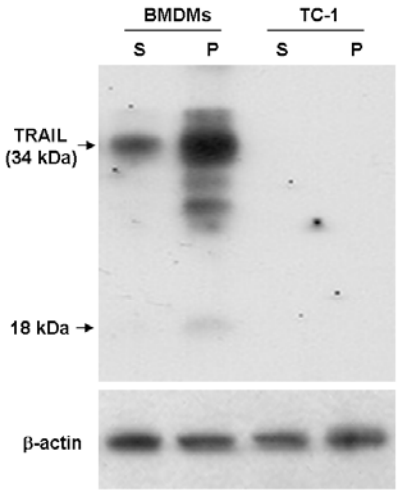
Supplemental information

Supplemental Table I: List of primers used for PCR analysis

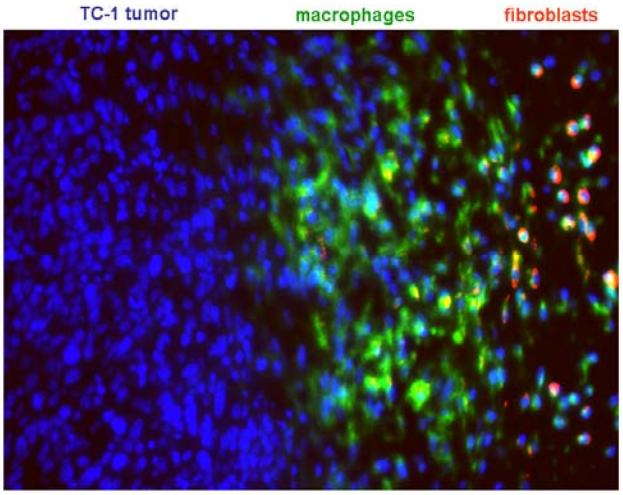
RT-PCR			
Gene product	**Forward primer**	**Reverse primer**	**Accession no.**
Mouse TRAIL	5`- CCCTGCTTGCAGGTTAAGAG	5`-GGCCTAAGGTCTTTCCATCC	U37522
MouseTNF-α	5`- CGTCAGCCGATTTGCTATCT	5`-CGGACTCCGCAAAGTCTAAG	M11731
Mouse PPARγ	5`- CCCTGGCAAAGCATTTGTAT	5`-GAAACTGGCACCCTTGAAAA	U09138
Mouse FasL	5`- catcacaaccactcccactg	5`-gttctgccagttccttctgc	NM_010177
Mouse GAPDH	5`- AACTTTGGCATTGTGGAAGG	5`-ACACATTGGGGGTAGGAACA	M32599
Q-real time PCR			
Human TRAIL	5-cctcagagagtagcagctcaca	5`- gcccagagccttttcattc	U57059
Human GAPDH	5`- agccacatcgctcagacac	5`- gcccaatacgaccaaatcc	X01677
TRAIL promoter	5`- cttcccaccctcacagtagc	5`-gggagggattttctttgctt	AF178756

Supplemental Table II: List of oligonucleotides used for DNA pull-down assay

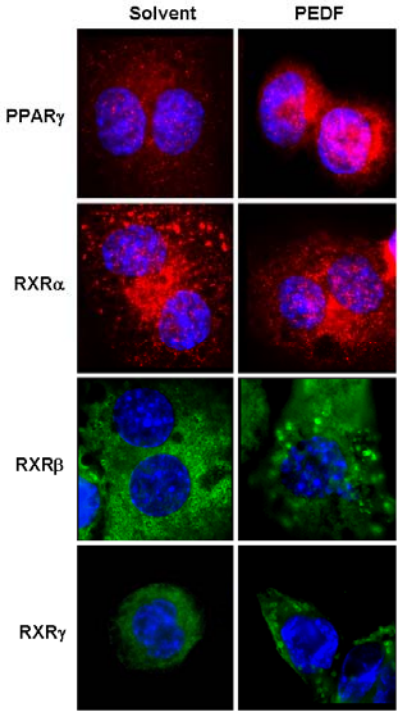
Name	Forward oligomer	Reverse oligomer
PPRE PC	5`-biotin-CCTAGGTCAAAGGTCAGCC	5`- GGCTGACCTTTGACCTAGG
TRAILp PPRE	5`-biotin-TGGAAGTTTCAGGTCATAA	5`- TTATGACCTGAAACTTCCA
PPRE-m	5`-biotin-TGGAACATTCAGGTCATAA	5`- TTATGACCTGAATGTTCCA



Supplemental Fig. S1. BMDMs and TC-1 cells were separately treated with 200 ng/ml PEDF for 24 h, and then processed for western blot analysis with anti-TRAIL antibody. Equal protein loading was confirmed by reprobing the membranes with a β-actin antibody.



Supplemental Fig. S2. Distribution of macrophages and fibroblasts in TC-1 tumor. C57BL/6 mice were inoculated subcutaneously with 1×10^6 TC-1 cells into their left flanks. At day 21, TC-1 tumors were harvested and tumor sections were immunohistochemical double-stained for F4/80 (marker for macrophages; *green*) and vimentin (marker for fibroblast; *red*) (sc-373717; Santa Cruz Biotechnology). Original magnification, X 200. Representative photographs revealed that macrophages are assembled in vicinity to TC-1 tumor core, while fibroblasts are distant to TC-1 tumor core.



Supplemental Fig. S3. Localization of PPARγ and RXR isoforms in subconfluent THP-1 macrophages. Cells were left untreated or treated with 200 ng/ml PEDF for 24 h. Cells were then stained with specific antibodies including PPARγ (sc-7273; Santa Cruz Biotechnology), RXRα (sc-46659; Santa Cruz Biotechnology), RXRβ (GTX89670; GenTex) and RXRγ (GTX15518; GenTex), followed by incubation with appropriately rhodamine- or FITC-conjugated second antibody. Nuclei were monitored by counterstaining with Hoechst 33342. After final washes and mounting, cells were viewed with a Zeiss epifluorescence microscope (× 1000). Representative images from three independent experiments.