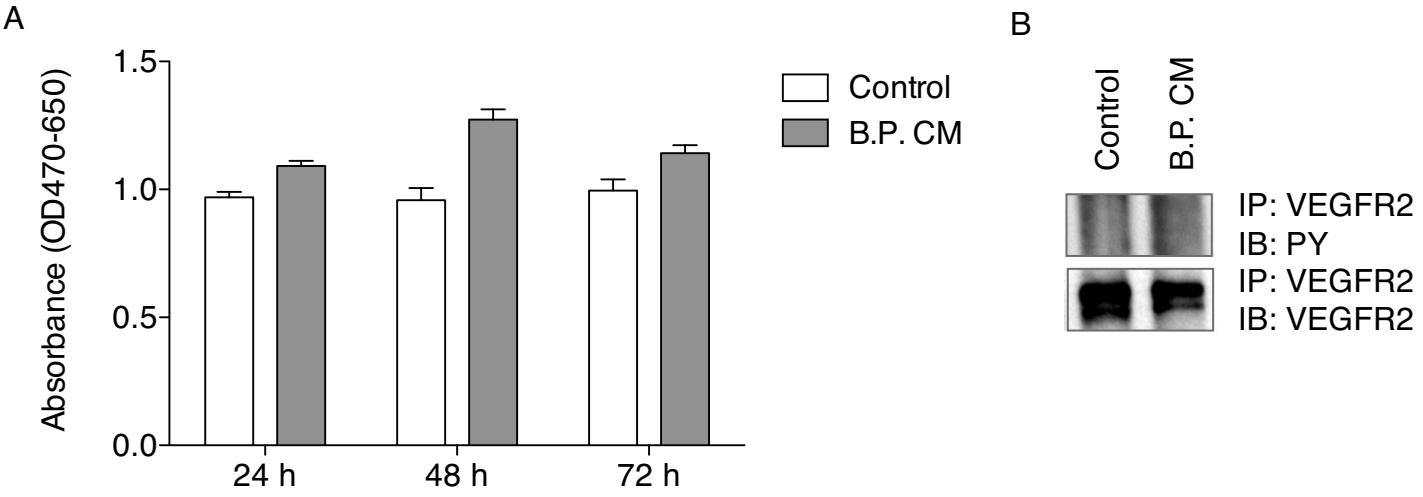
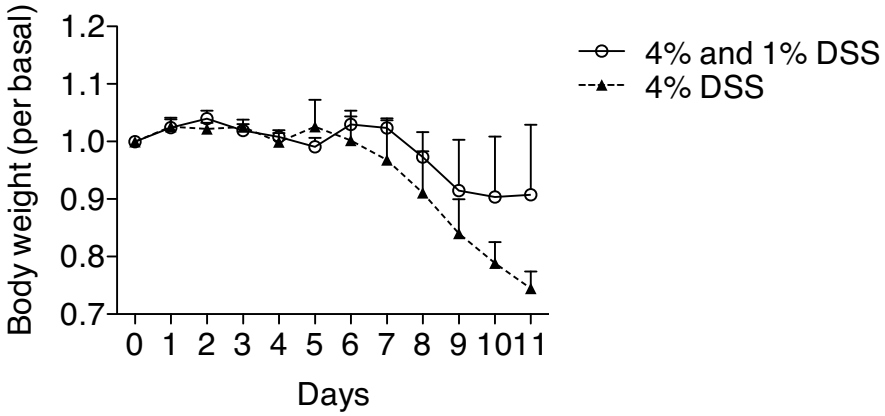
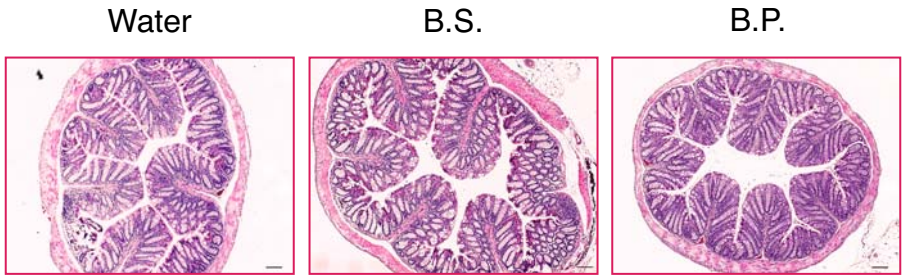
Im et al., Supplemental Figure S1



A


Body weight (per basal)
1.2
1.1
1.0
0.9
0.8
0.7
0 1 2 3 4 5 6 7 8 9 10 11
Days
4% and 1% DSS
4% DSS

B


Water
B.S.
B.P.

Supplemental Materials and Methods

Antibodies- Anti-VEGFR2 antibody was crude polyclonal rabbit antisera that were previously described (1). Anti-phosphotyrosine antibody PY20 was from BD transduction laboratory (San Diego, CA).

XTT assay-HIMECs were plated on a 96 well plate and incubated for 24-72 h in the presence or absence of B.P. CM. At the indicated times, XTT solution (Roche Applied Science, Mannheim, Germany) was added and incubated for additional 4 h. Colorimetic intensity was measured on a spectrophotometer (Spectra Max M5, Molecular Devices, Sunnyvale, CA).

Supplemental Figure Legends

Supplemental Figure S1. (A) **B.P. CM barely increased endothelial cell proliferation.** HIMECs were incubated with B.P. CM for 24-72 h and subjected to a XTT assay to measure cell proliferation. (B) **B.P. CM did not induce the phosphorylation of VEGFR2.** HIMECs were treated with B.P. CM for 2 min. Total lysates were immunoprecipitated with anti-VEGFR2 antibody and then immunoblotted with anti-PY antibody.

Supplemental Figure S2. (A) **Lowering the concentration of DSS to 1% increased body weight suggesting recovery of mice from colitis.** Two groups of CD1 mice were supplied with 4% DSS for a week and one group of mice were supplied with 1% DSS for additional 4 days whereas the other group of mice were continuously supplied with 4% DSS. Body weight was measure every morning throughout the experiment. (B) **Tissues from the mice fed with B.S. or B.P. alone showed intact mucosal layers.** Bar, 100 μm.

Supplemental References

1. **Im E and Kazlauskas A.** Regulating angiogenesis at the level of PtdIns-4,5-P2. *EMBO J* 25: 2075-2082, 2006.