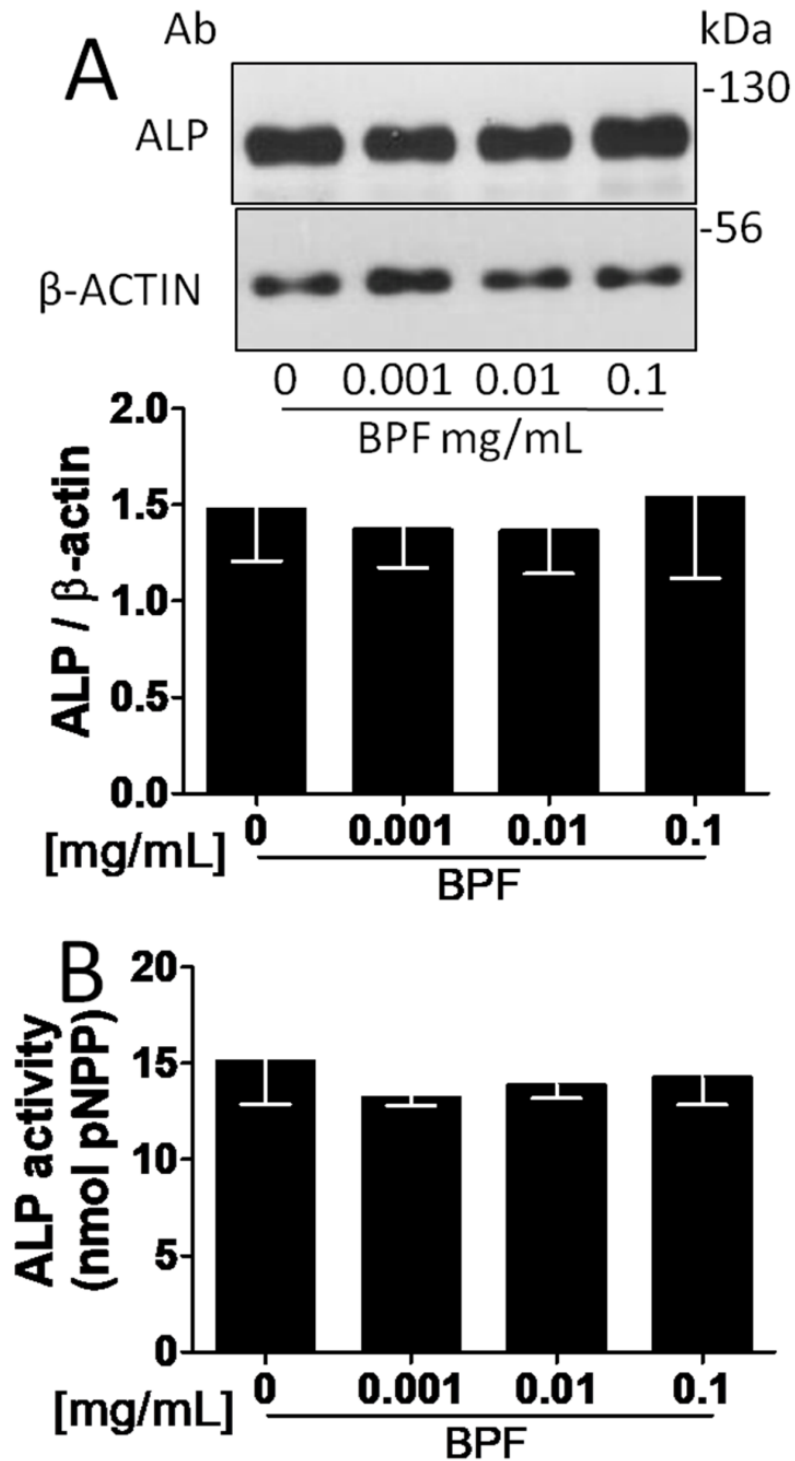
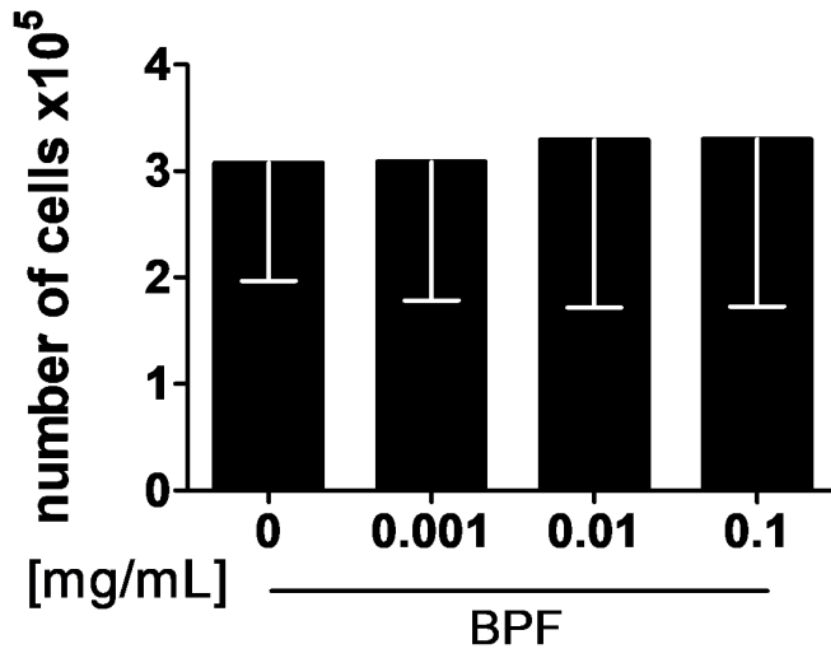


**Figure S1.** BPF does not increase Osteoprotegerin mRNA and protein levels on Saos-2 cells. Semi-confluent cultures of human osteoblast-like cells (Saos-2) were incubated with BPF 0.001-0.01-0.1 mg/mL for 24 h. (A) mRNA expression levels of Osteoprotegerin were measured by RT-Pcr. Data were analyzed using the  $2^{-\Delta\Delta Cq}$  method and normalized to  $\beta$ -actin. (B) Cell proteins were analyzed by Western blotting antibodies specific to Osteoprotegerin and  $\beta$ -actin. Data are represented as mean  $\pm$  SD. Abbreviations: BPF, Bergamot Polyphenol Fraction.



**Figure S2.** BPF does not increase ALP protein levels and activity on Saos-2 cells. Semi-confluent cultures of human osteoblast-like cells (Saos-2) were incubated with BPF 0.001-0.01-0.1 mg/mL for 24 h. (A) Cell proteins were analyzed by Western blotting antibodies specific to ALP and  $\beta$ -actin. (B) ALP activity was measured by pNPP method. Data are represented as mean  $\pm$  SD. Abbreviations: BPF, Bergamot Polyphenol Fraction; ALP, Alkaline Phosphatase; pNPP, Para-Nitrophenyl Phosphate.



**Figure S3.** BPF does not increase cell proliferation in MG-63 cells. Semi-confluent cultures of human osteoblast-like cells (MG-63) were incubated with BPF 0.001-0.01-0.1 mg/mL for 24 h. Cell proliferation was determined by counting the number of cells in each well. Data are represented as mean  $\pm$  SD. Abbreviations: BPF, Bergamot Polyphenol Fraction.