# *Protaetia brevitarsis seulensis* Derived Protein Isolate with Enhanced Osteomodulatory and Antioxidative Property

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# Supplementary Figures

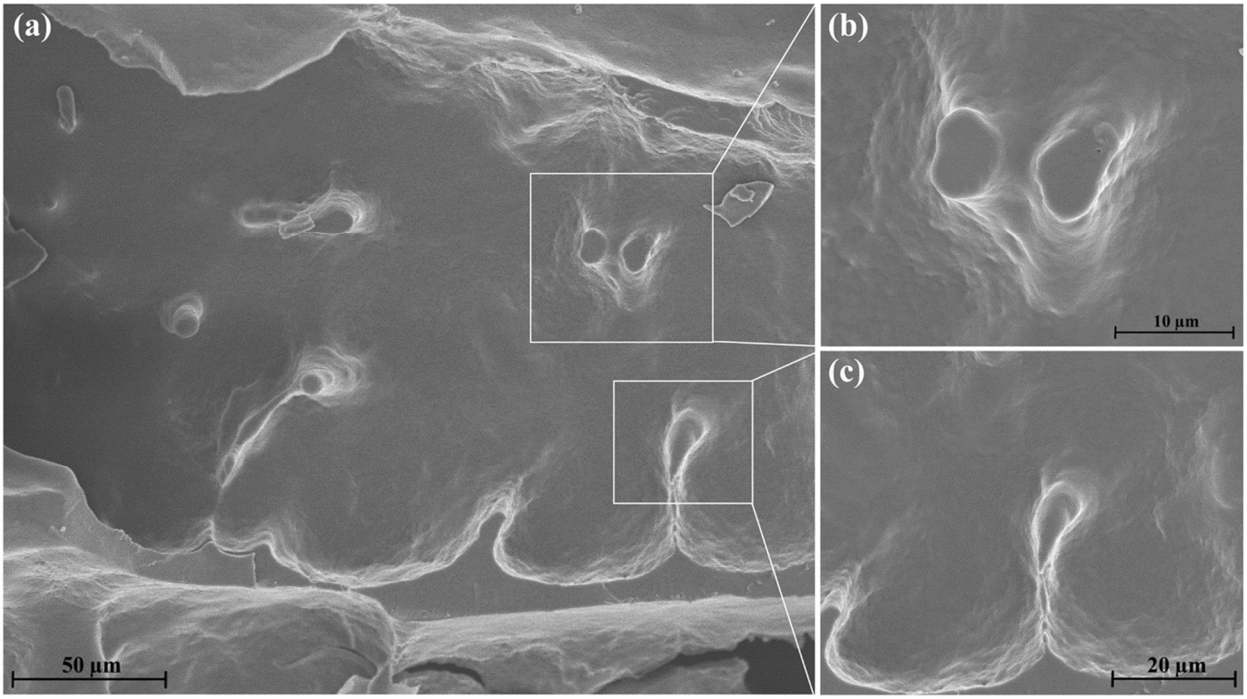


**Figure S1.** Representative FE-SEM morphologies of *P. brevitarsis* protein isolate (PPI).

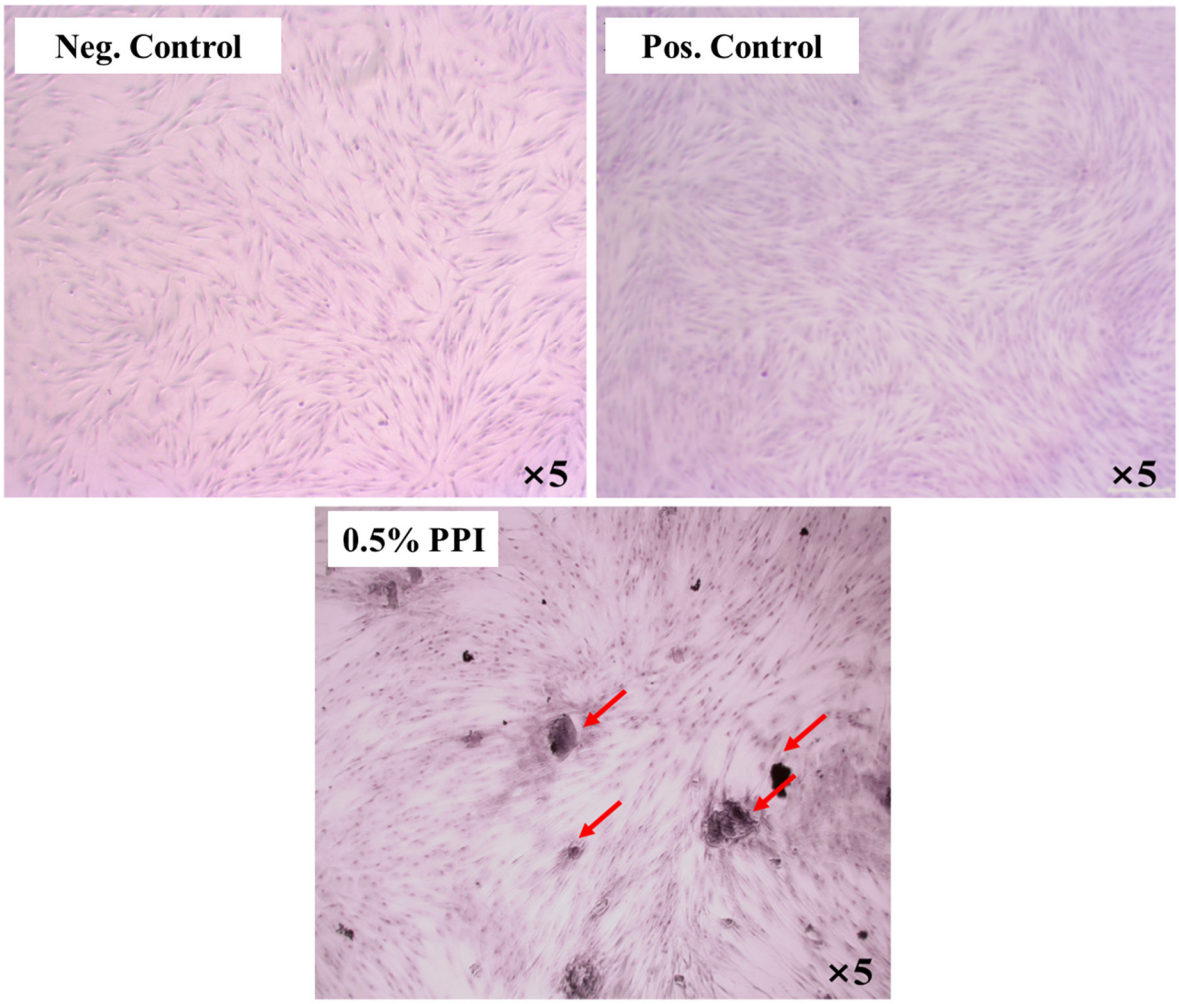


**Figure S2.** Giemsa staining of PPI-treated hBMSCs after 3 days of incubation. The red arrows indicate the *P. brevitarsis* protein isolates (PPI).

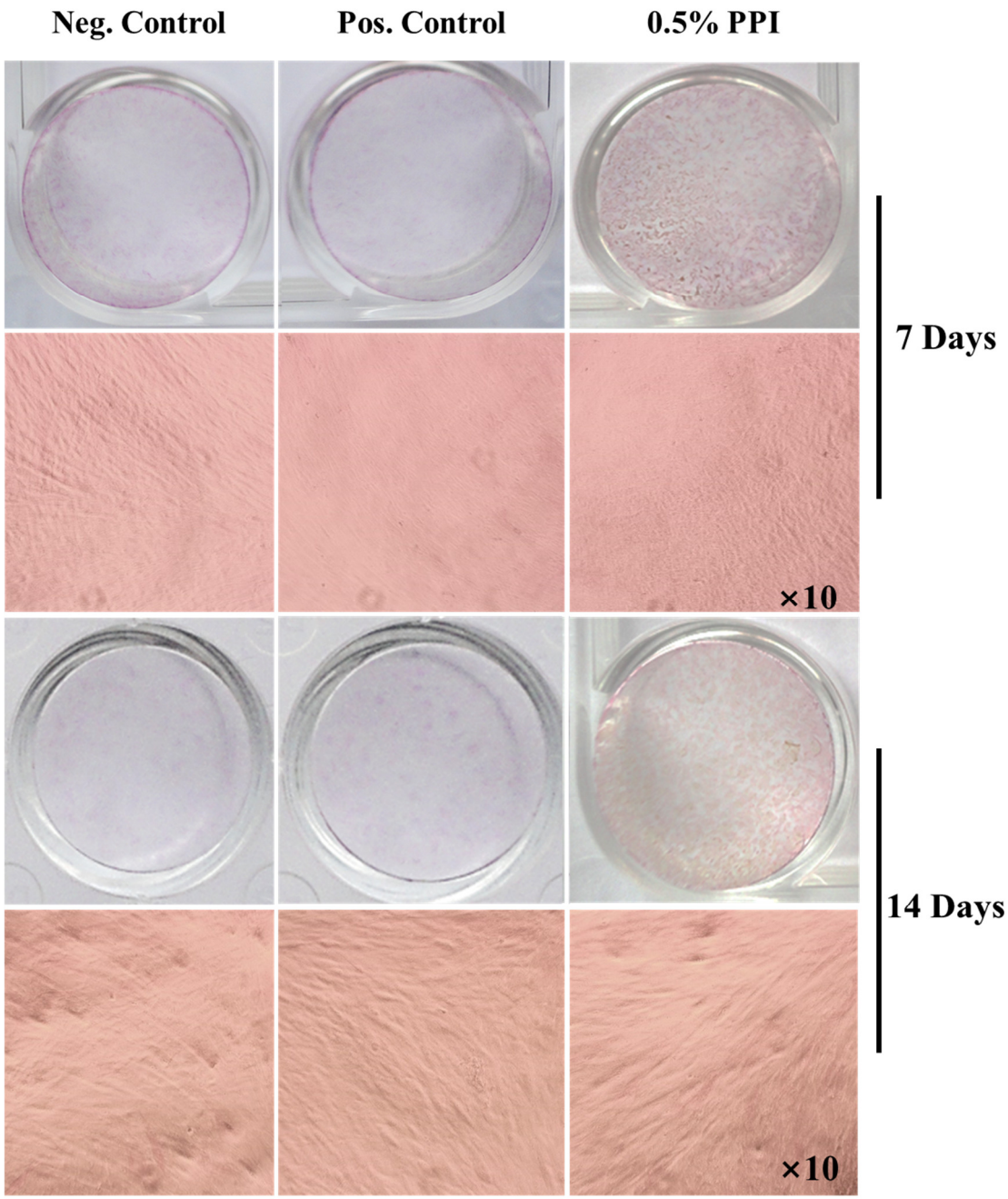


**Figure S3.** ALP activity of hBMSCs after 7 and 14 days of incubation with *P. brevitarsis* protein isolates (PPI).

**Table S1.** List of antibodies used for immunofluorescence staining.

| Antibody | Dilution | Dye | Company |
|---|---|---|---|
| Runx2 | 1:250 | AF-488 | Santa Cruz Biotechnology, USA |
| ALP | 1:250 | AF-488 | Santa Cruz Biotechnology, USA |
| OPN | 1:250 | AF-594 | Santa Cruz Biotechnology, USA |