Dual Delivery of Alendronate and E7-BMP-2 Peptide *via* Calcium Chelation to Mineralized Nanofiber Fragments for Alveolar Bone Regeneration

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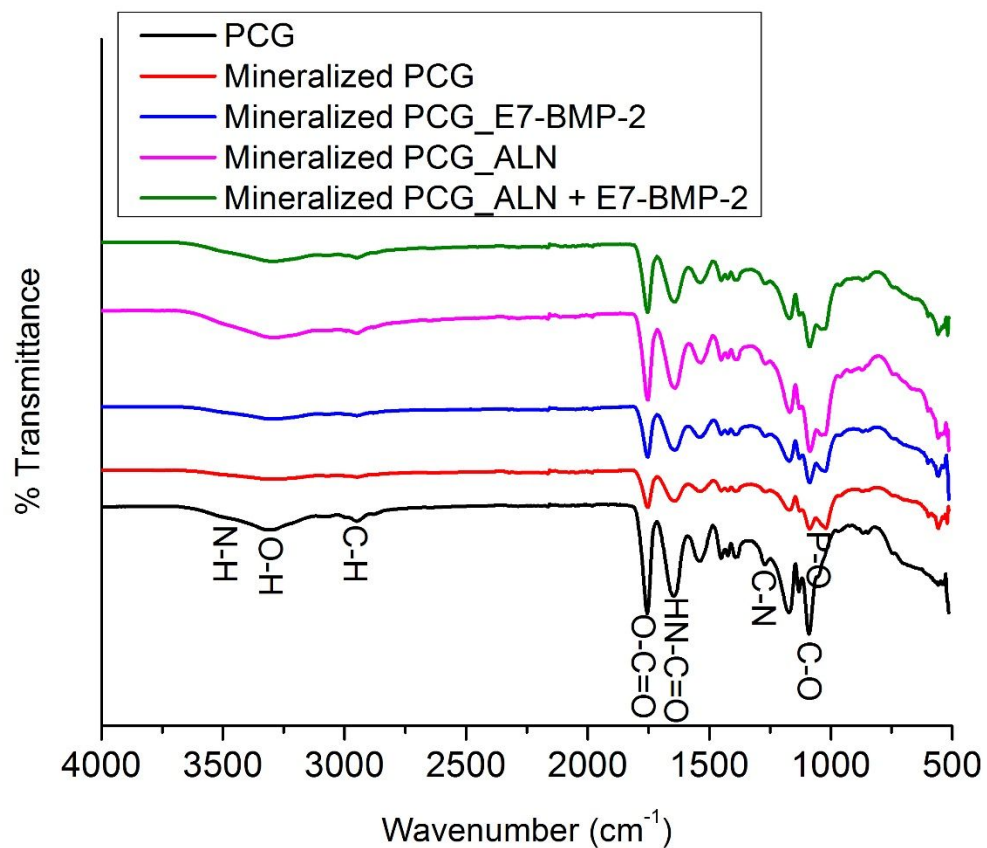
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Figure S1. FT-IR spectra of PCG and mineralized PCG short fiber fragments before and after loading with Alendronate (ALN) and/ or E7-BMP-2 peptide.
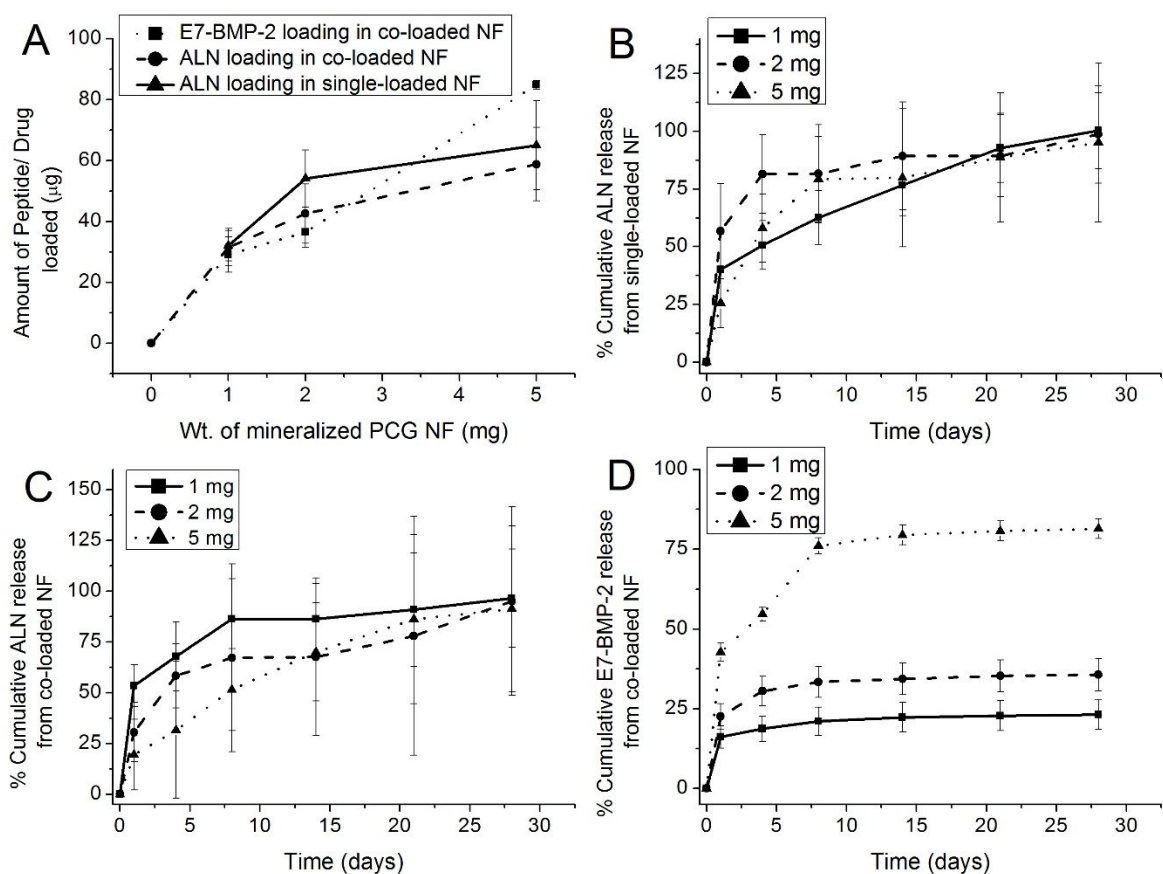
Figure S2. (A) Loading of Alendronate-ALN and E7-BMP-2 on mineralized nanofiber fragments when co-immersed in a mixture of ALN (100 μg/ mL) and E7-BMP-2 (100 μg/ mL) or ALN (100 μg/ mL) alone in TBS at room temperature for 24 h. % Cumulative release profiles of (B) ALN from single-loaded NF fragments, (C) ALN from co-loaded NF fragments and (D) E7-BMP-2 from co-loaded NF fragments over 4 weeks.