Electronic Supplementary Material (ESI) for Biomaterials Science.

Electrospun Artificial Periosteum loaded with DFO Contributes to Osteogenesis via the TGF-β1/Smad2 Pathway

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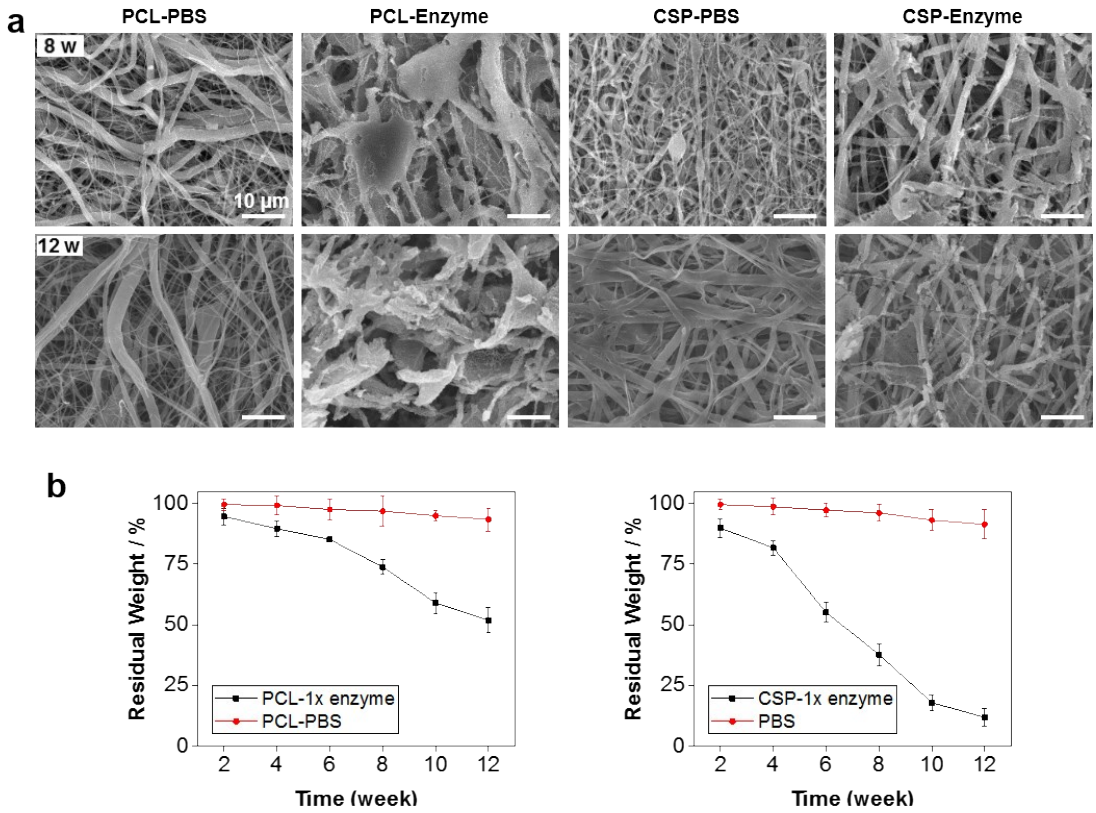

Figure S1. Properties of the artificial periosteum. a. Representative SEM micrographs of various membranes after degradation for 8 and 12 weeks in PBS or 1× enzyme solution (5 μg/mL). b. Mass loss curves of the artificial periosteum. n = 3

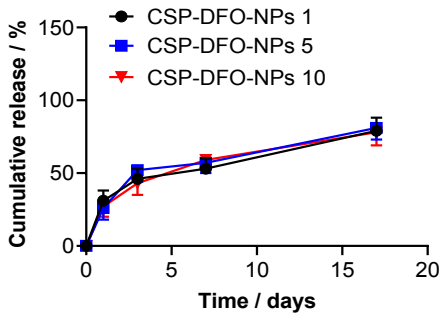

Figure S2. The influence of drug loading content on the drug release profiles of the artificial periosteum. 1.0g of DFO 1, DFO 5 and DFO 10 which contains 6.6, 32.8 and 65.7 mg of DFO were used for the drug release study with 10× lipase solution. n=3