

Supporting Information

Self-powered Sandwich-structured Scaffold with Dual-electroactive Properties to Regenerate Damaged Intervertebral Discs after Discectomy

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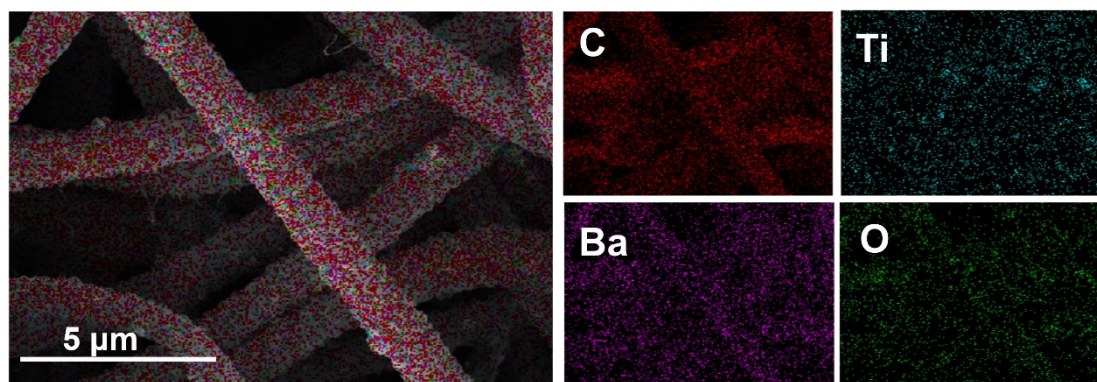


Figure S1 EDS mapping of B5 fibrous membrane.

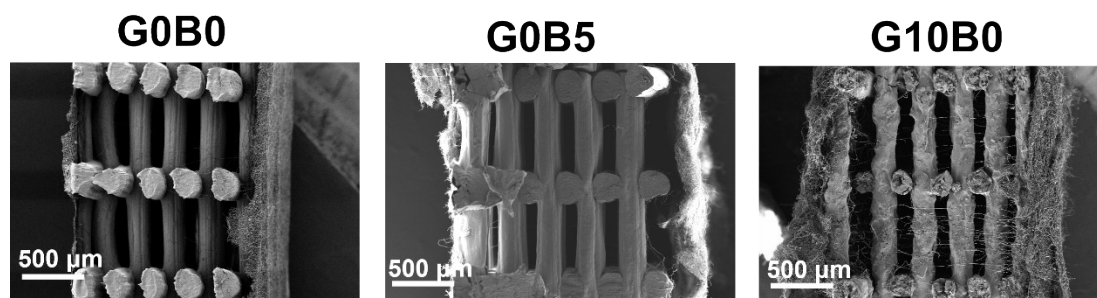


Figure S2 The cross-section SEM images of G0B0, G0B5, and G10B0.

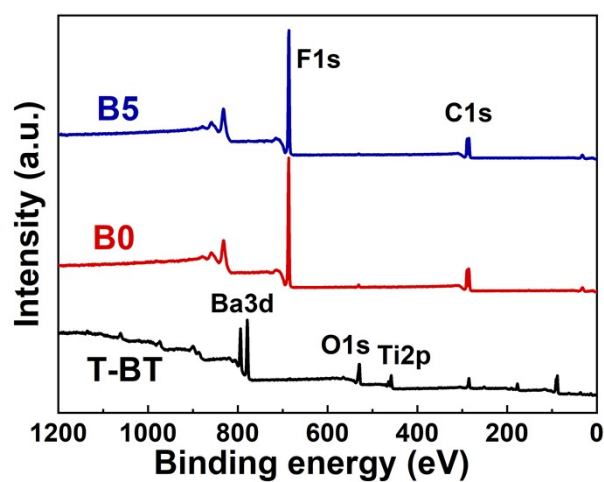


Figure S3 XPS spectra of T-BT nanoparticles as well as B0 and B5 fibrous membranes.

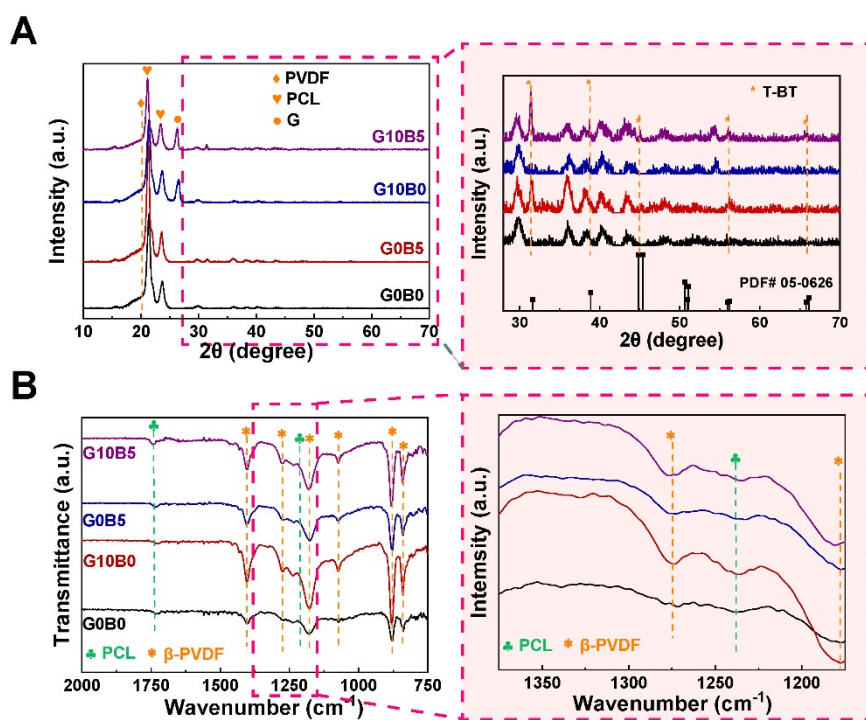


Figure S4 XRD patterns (A) and FT-IR spectra (B) of different sandwich-structured scaffolds.

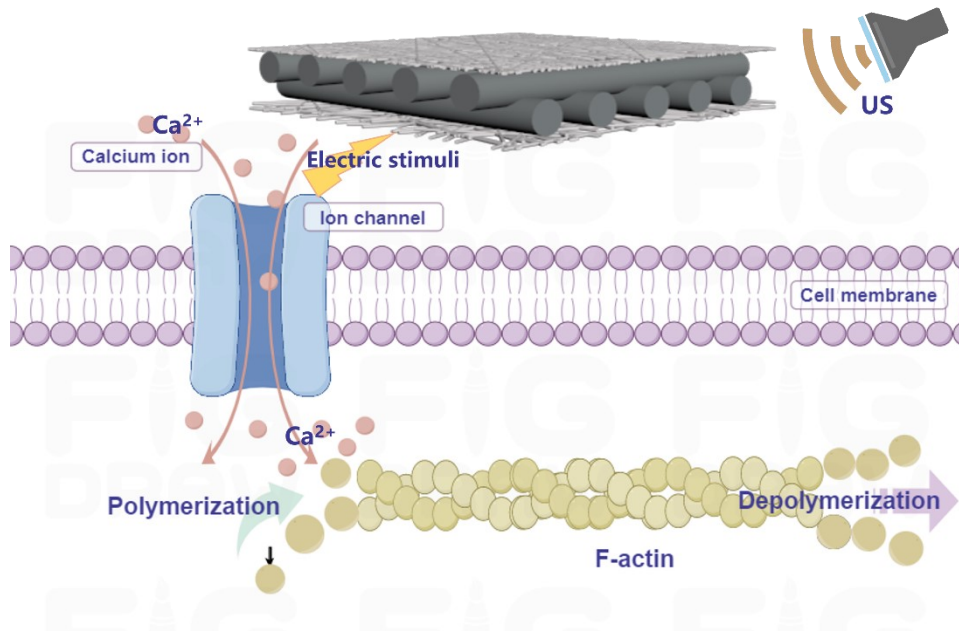


Figure S5 The schematic illustrating the underlying mechanisms of the G10B5 dual-electroactive scaffold promoting cell adhesion and migration under US treatment.