

Supporting Information

***Fabrication of pH-responsive self-assembled
biofilament and its application in non-invasive
monitoring of wound healing.***

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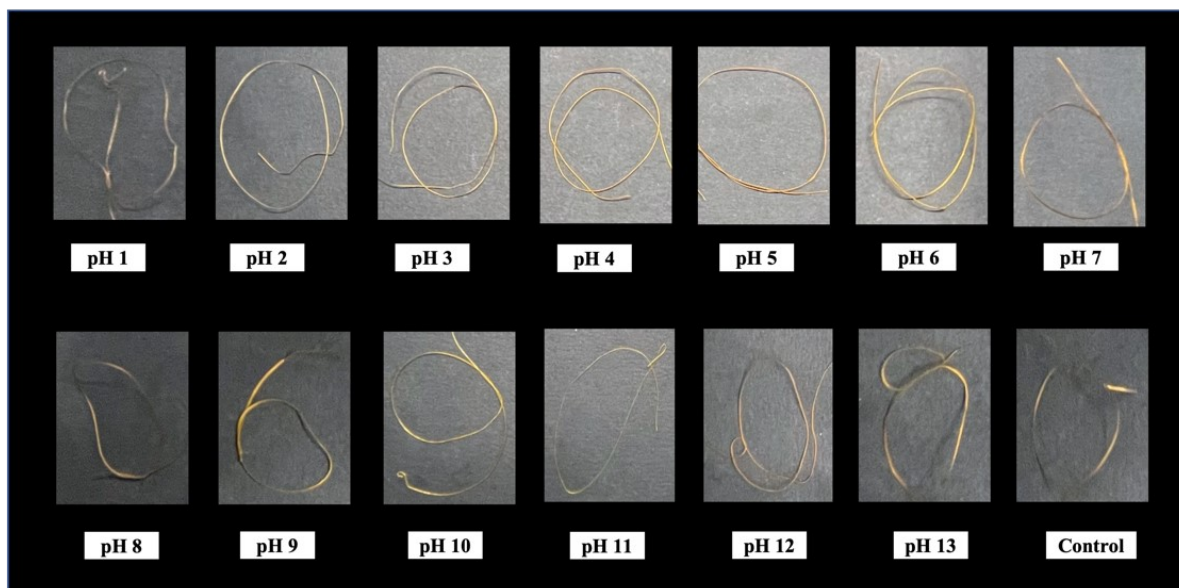
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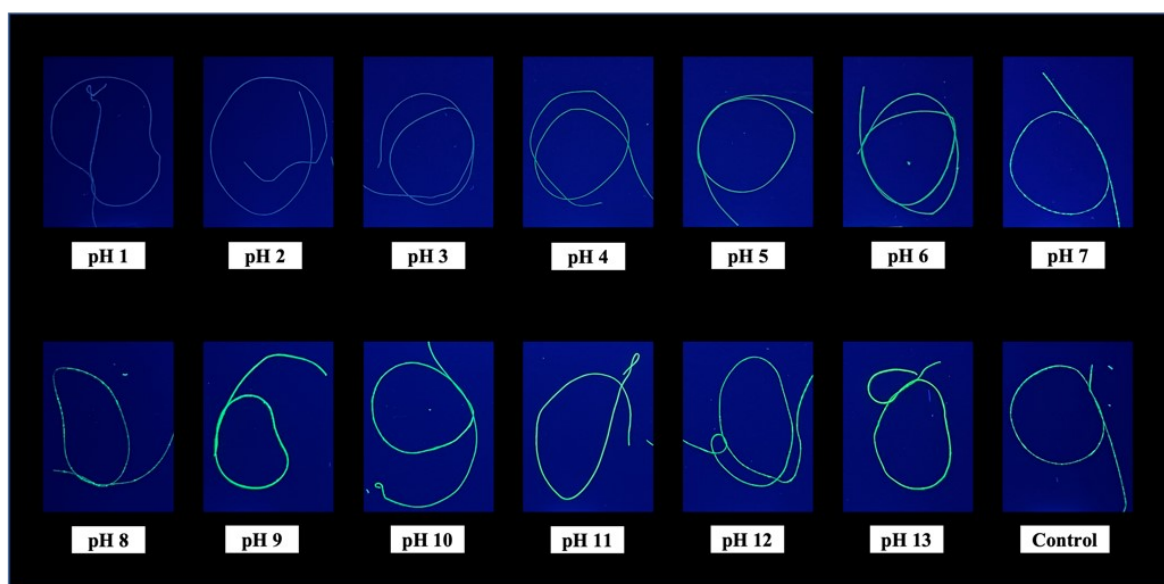
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pH (range 1-13) sensitivity of CPC filament under visible and long UV

The filaments were subjected to different pH buffers ranging from pH 1 to pH 13,



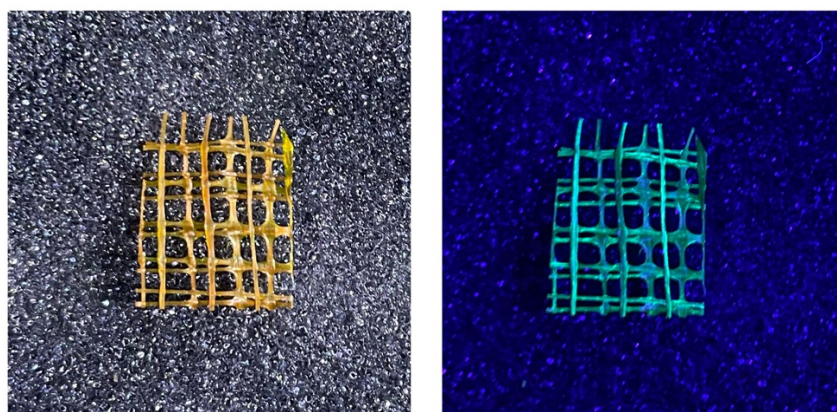
(a)



(b)

Figure S1. Filaments under different light wavelengths, (a) Visible light and (b) Long UV (365 nm)

NOTE: Filament named as “Control” refers to CPC filament without exposure to any pH and at normal condition



(a)

(b)

Figure S2. CPC wound patch under (a) visible light and (b) long UV

UV absorption studies

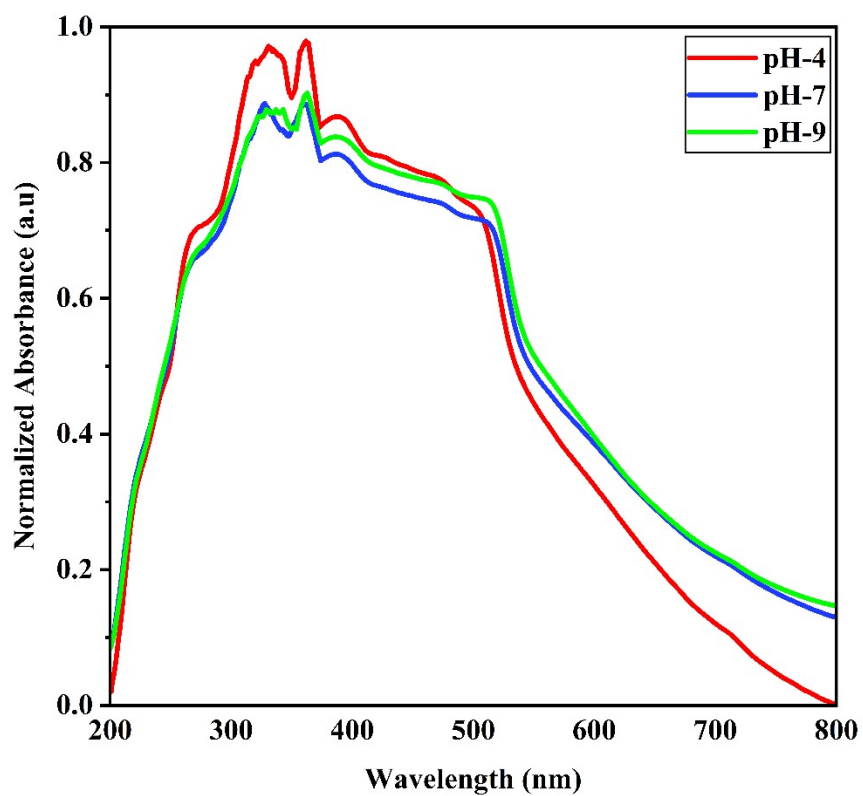


Figure S3. CPC patch absorption spectra measured at pH-4, pH-7 and pH-9