

## Supporting information

### Combining antioxidant hydrogels with self-assembled microparticles for multifunctional wound dressings

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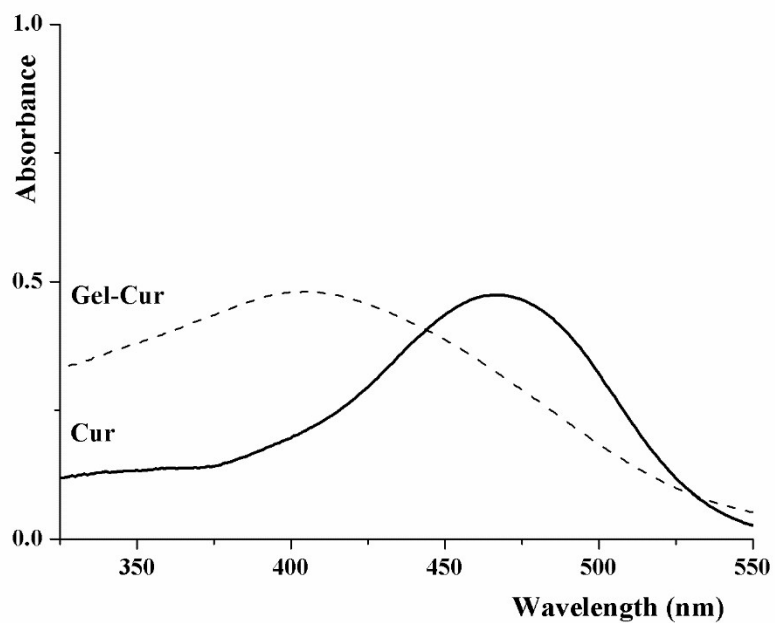
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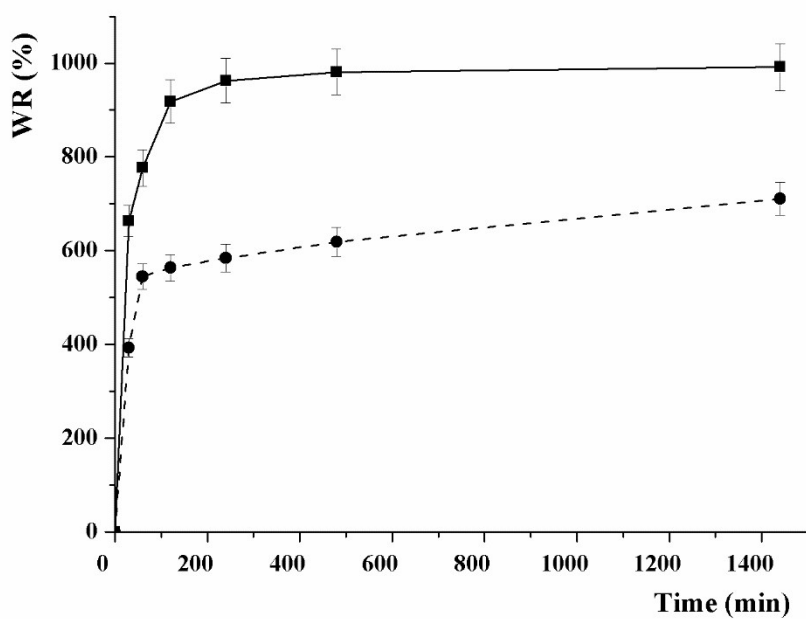
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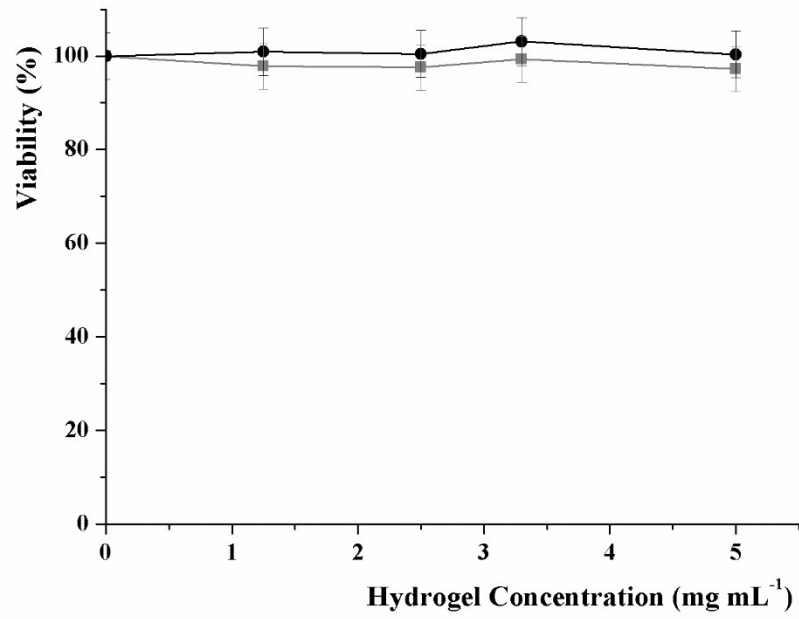
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**Fig. S1.** UV-Vis absorption spectra of free and conjugated Cur.



**Fig. S2.** Swelling profiles of HGC (solid line) and HG (dash line) over time.



**Fig. S3.** MRC-5 viability after 72 h incubation with pulverized H<sub>G</sub> (■) and H<sub>GC</sub> (●) samples suspended in DMEM + FCS 10%.