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Supporting information

Sprayable, thermosensitive hydrogels for promoting wound healing based

on hollow, porous and pH-sensitive ZnO microspheres

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Figure S1. (a), (b) TEM image of Zn(OH)F microsphers. (c), (d) TEM image of ZnO microsphere.



Figure S2. (a), (b) SEM image of ZnO absorbed sodium alginate. (c), (d) SEM image of ZnO absorbed chitosan oligosaccharide.



Figure S3. Digital photograph of aqueous dispersion of nanoparticles of CNPs.



Figure S4. UV-vis absorption spectrums of water dispersion of CNPs before and after adsorption.



Figure S5. (a) UV-vis absorption spectrums of different concentrations of curcumin. (b) The standard curve and regression equation of curcumin.