## **Supplementary Information**

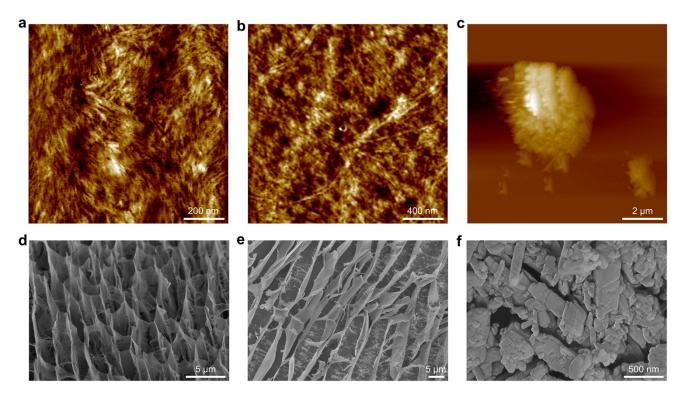
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Bioactive herbal supramolecular hydrogels with a hierarchical 3

nanofibrillar structure via metal ion mediated co-assembly

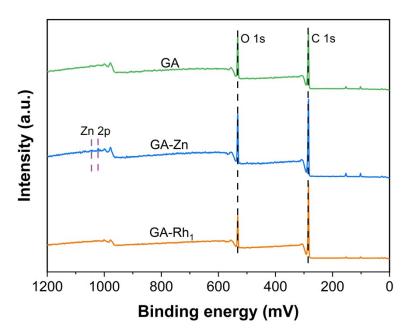
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21 Fig. S1 AFM height images of (a) GA, (b) GA-Zn, and (c) Rh<sub>1</sub>. Cryo-SEM images of (d) GA, (e) GA-

22 Zn, and (f) Rh<sub>1</sub>.



24 Fig. S2 XPS survey spectra of GA-Zn-Rh hydrogels.

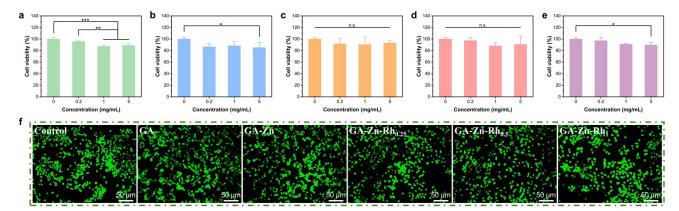


Fig. S3 *In vitro* biocompatibility and anti-inflammation ability of GA-Zn-Rh hydrogels. (a-e) Viability of RAW264.7 cells incubated with GA-Zn-Rh hydrogel extract liquids at different concentrations (0, 0.2, 1, and 5 mg/mL) for 24 h by MTT assay: (a) GA, (b) GA-Zn, (c) GA-Zn-R<sub>0.25</sub>, (d) GA-Zn-R<sub>0.5</sub>, and (e) GA-Zn-R<sub>1</sub>. (f) Live/dead fluorescence staining images of RAW264.7 cells incubated with hydrogel extract liquids (5 mg/mL) for 24 h.