

Hyaluronated nanohydroxyapatite responsively released from injectable hydrogels for targeted therapy of melanoma

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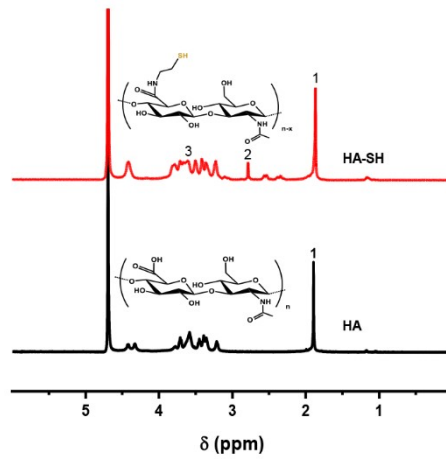
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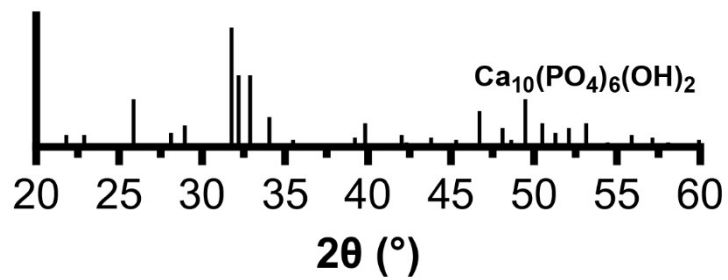
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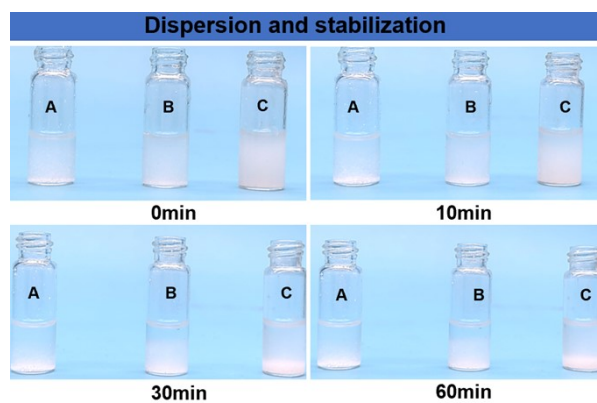
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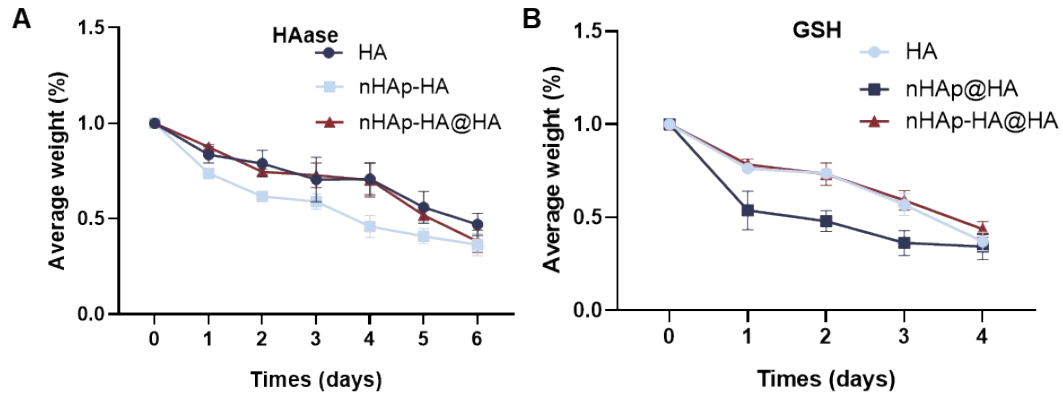
Supplementary Fig. 1. ¹H NMR image of HA and HA-SH.



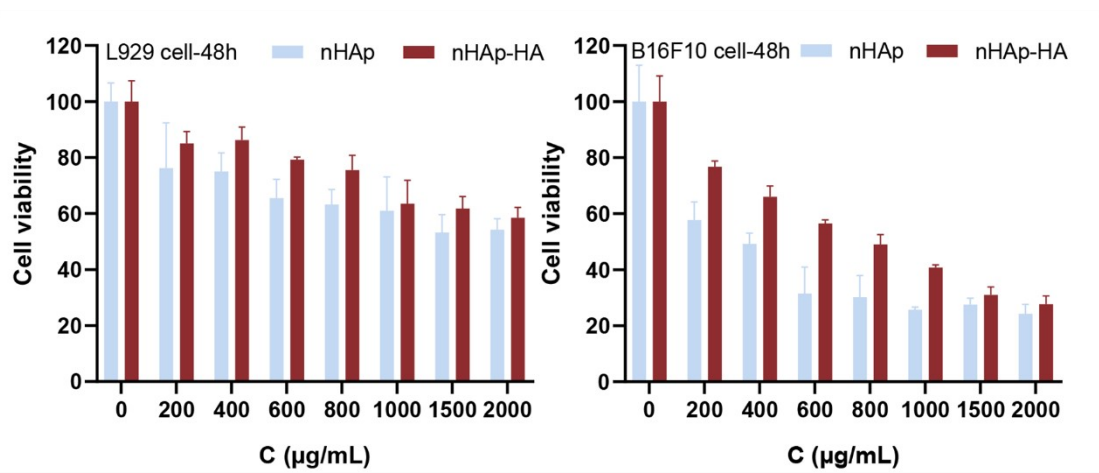
Supplementary Fig. 2. The XRD standard card of nHAp.



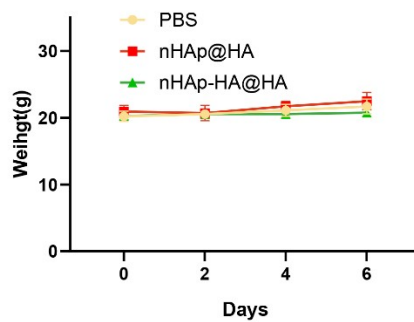
Supplementary Fig. 3. Distribution and stability of three types of nHAp in hydrogels during the formation of hydrogel, A: nHAp, B: non-thiolated HA modified nHAp, C: thiolate HA modified nHAp.



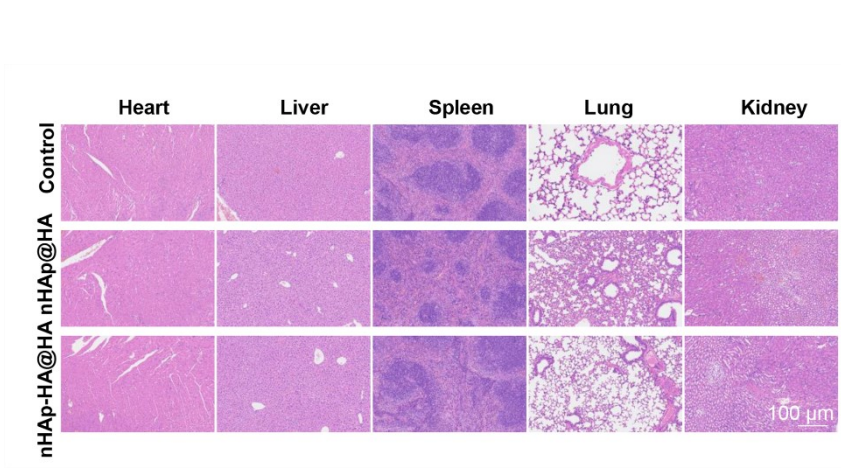
Supplementary Fig. 4. (A - B) The mass loss of gels (HA, nHAp@HA, nHAp-HA@HA) at different time points in media contain HAase or GSH ($n = 3$), pH 7.4.



Supplementary Fig. 5. The Cytotoxicity contrast of nHAp and nHAp-HA.



Supplementary Fig. 6. Body weight shift of normal mice after subcutaneously injected PBS and nHAp-HA@HA hydrogels within 6 days.



Supplementary Fig. 7. H&E staining of major organ sections after different dosage forms treatment against B16F10 tumor-bearing mice at day 6. Scale bar: 500 µm.