

Electronic Supplementary Information (ESI)

Chestnut-like macro-acanthosphere triggered hemostasis: a featured mechanism based on puncturing red blood cells

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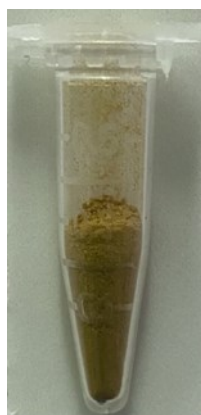


Figure S1 Digital photograph of Pro-MAS.

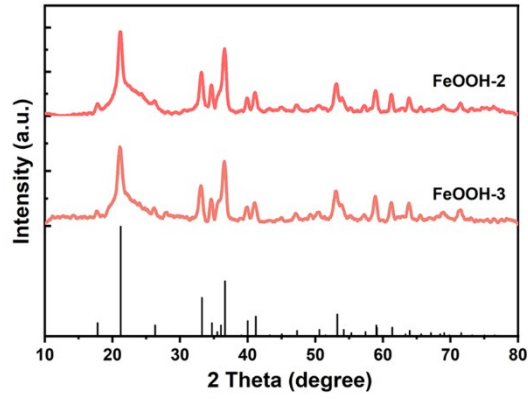


Figure S2 XRD patterns of FeOOH-2 and FeOOH-3.

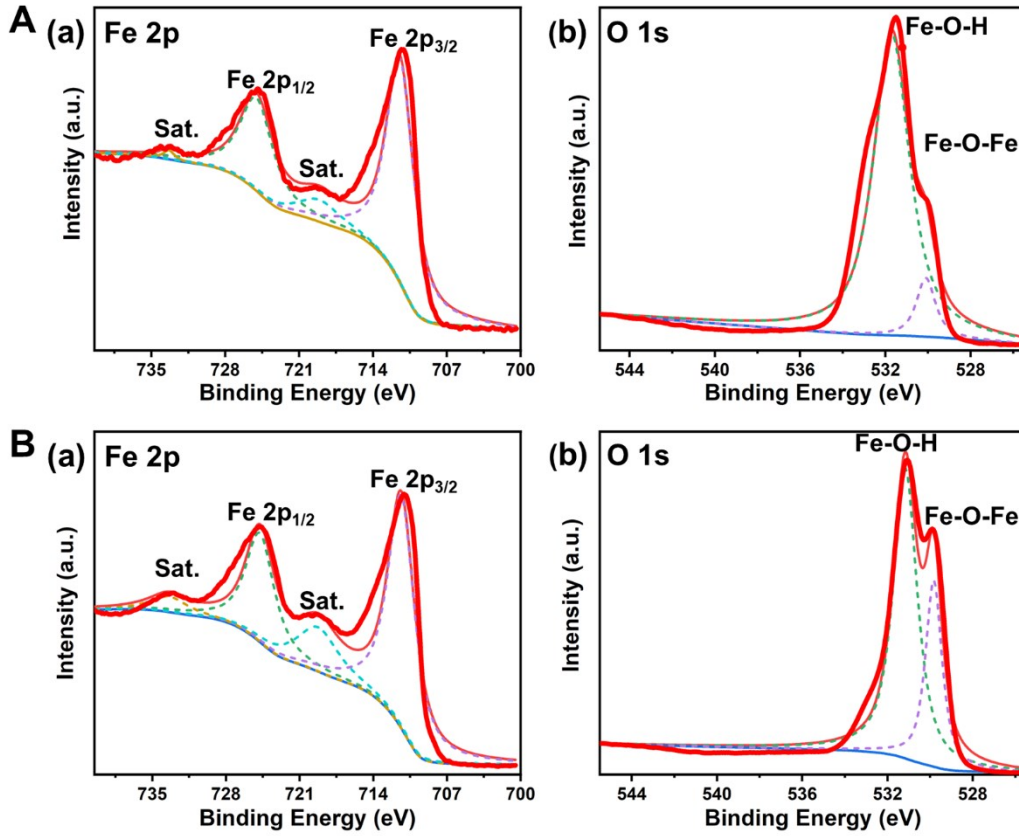


Figure S3 XPS spectra of (A) FeOOH-2 and (B) FeOOH-3: (a) Fe 2p and (b) O 1s.

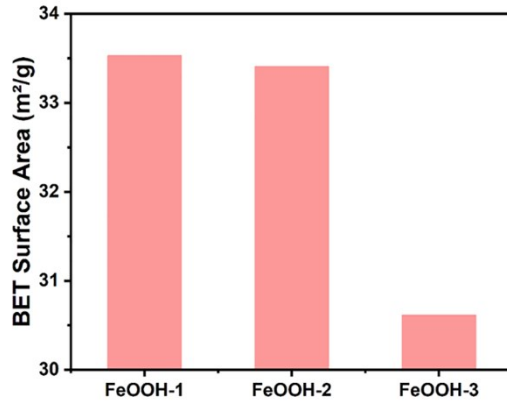


Figure S4 BET surface area of the as-prepared FeOOH materials.

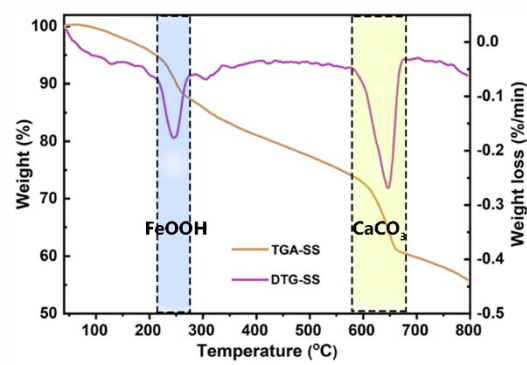
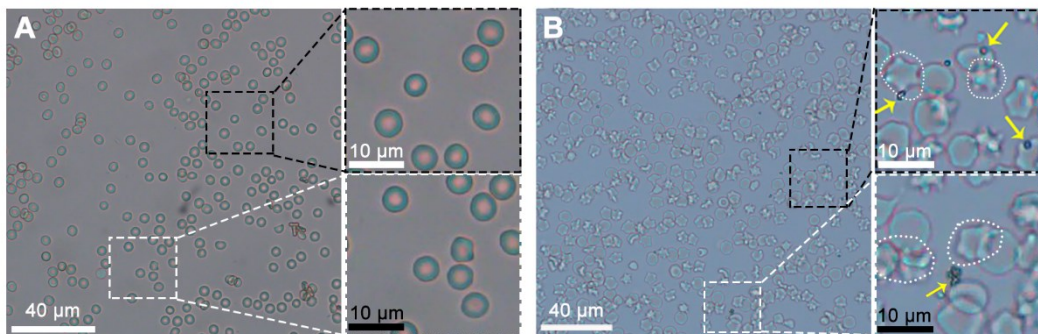


Figure S5 TG curves of Ca-MAS.



Fig

ure S6 Optical micrographs of the blood cells untreated (A) and after co-incubation with Pro-MAS (B). MAS is indicated with yellow arrows and echinocyte is outlined with white dotted lines.

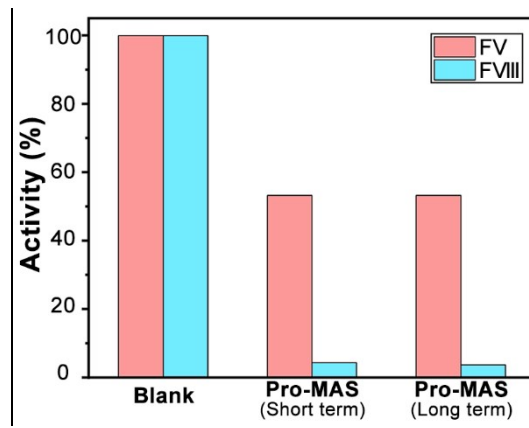


Figure S7 The activity of coagulation factor V (FV) and factor VIII (FVIII).