SUPPORTING INFORMATION

Thermoresponsive shear-thinning hydrogel (T-STH) hemostats for minimally invasive treatment of external hemorrhages

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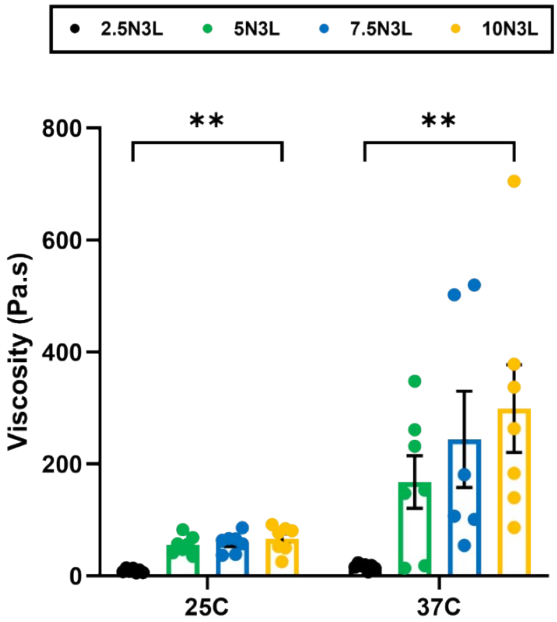
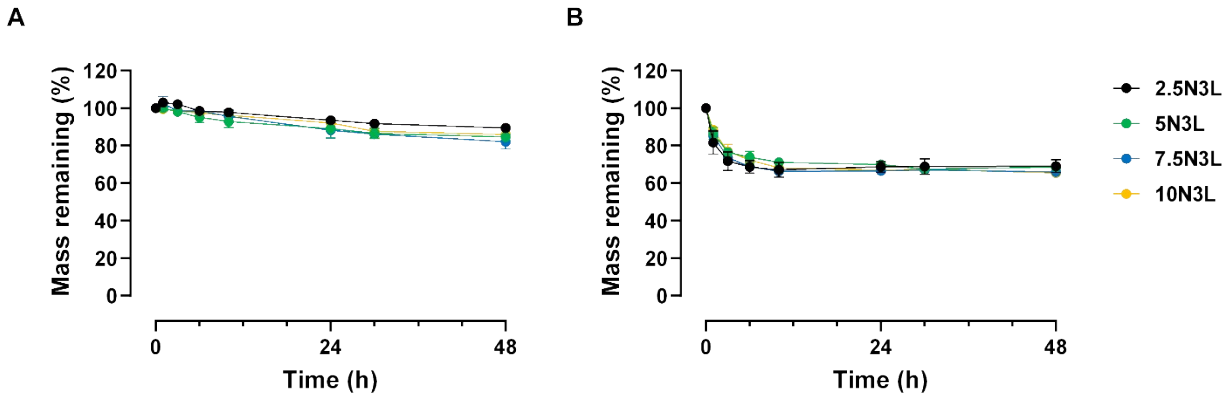
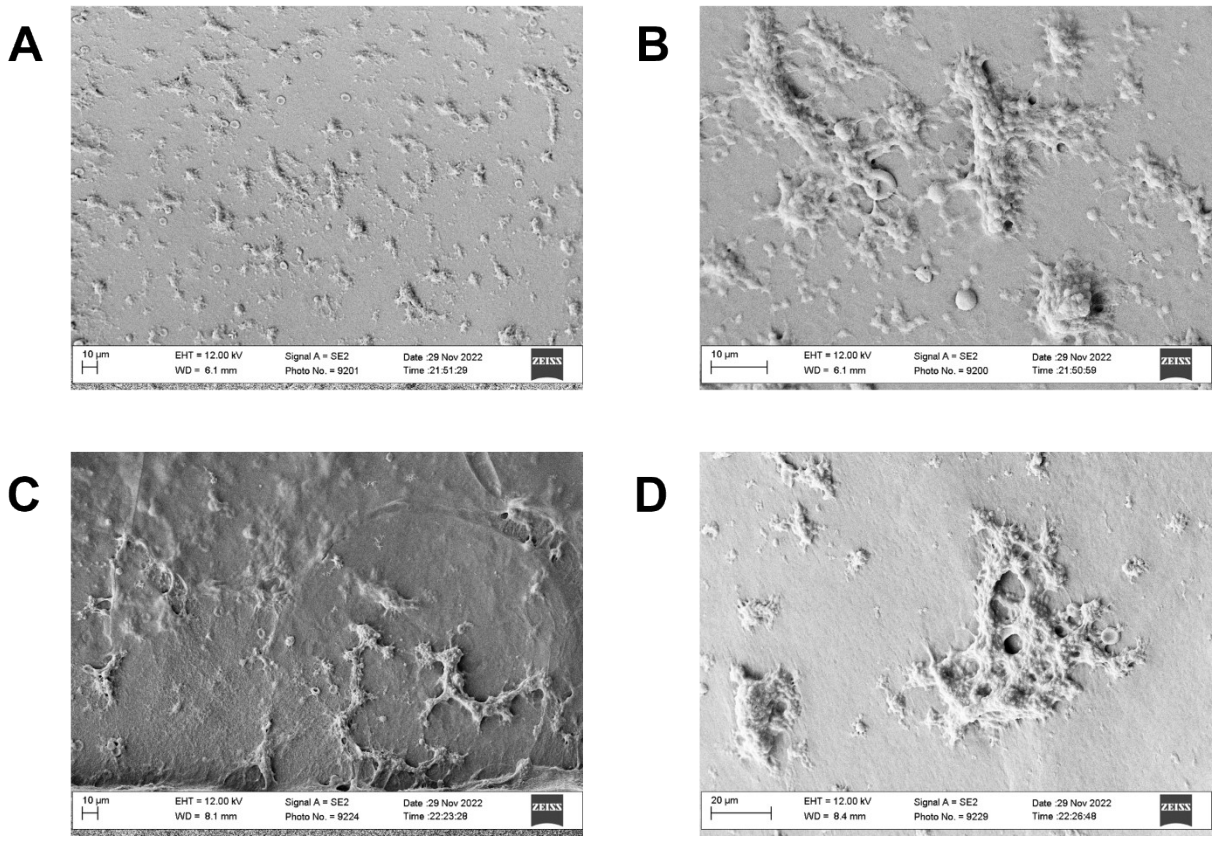


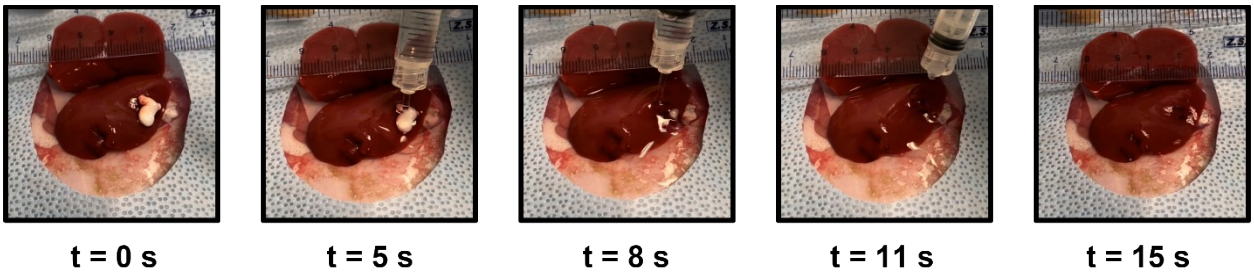
Supplementary Figure 1. The viscosity of our p(NIPAM) and Laponite-based T-STH determined by shear rate sweeps at room temperature (25 °C) and body temperature (37 °C) ** signifies $p < 0.01$.



Supplementary Figure 2. 48 h degradation of our p(NIPAM) and Laponite-based T-STH at 37 ℃ in (A) PBS, and (B) human plasma.



Supplementary Figure 3. SEM images of platelet adhesion to our p(NIPAM) and Laponite-based T-STH. Lower magnification images of (A) 5N3L and (C) 10N3L. Higher magnification images of (B) 5N3L and (D) 10N3L



Supplementary Figure 4. Time-lapse digital images of our p(NIPAM) and Laponite-based T-STH (10N3L) being washed away from the injured liver using cold saline without rebleeding and without leaving any residue.