

Supporting Information

Calcium Loaded Biodegradable Porous Microspheres for the Hemostasis of Coagulopathy

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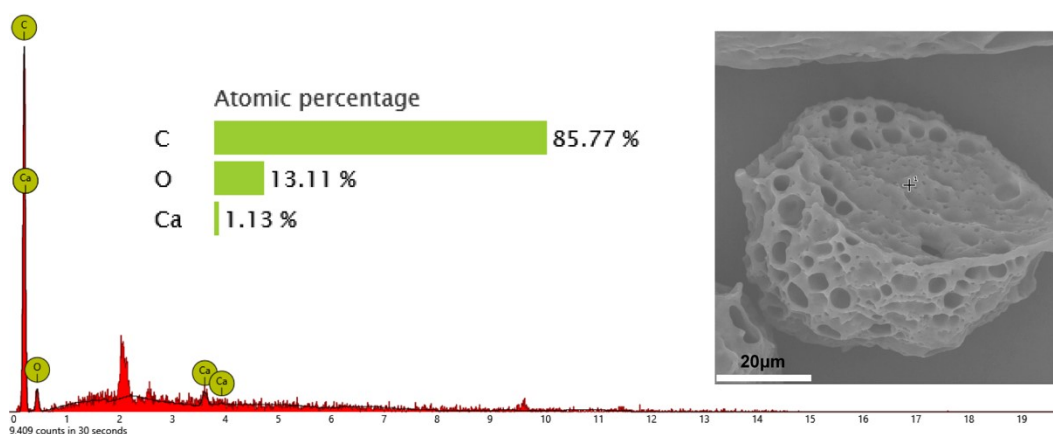


Figure S1. Elemental mapping of the cross-sectional area of CPBMs obtained through EDS point scanning.

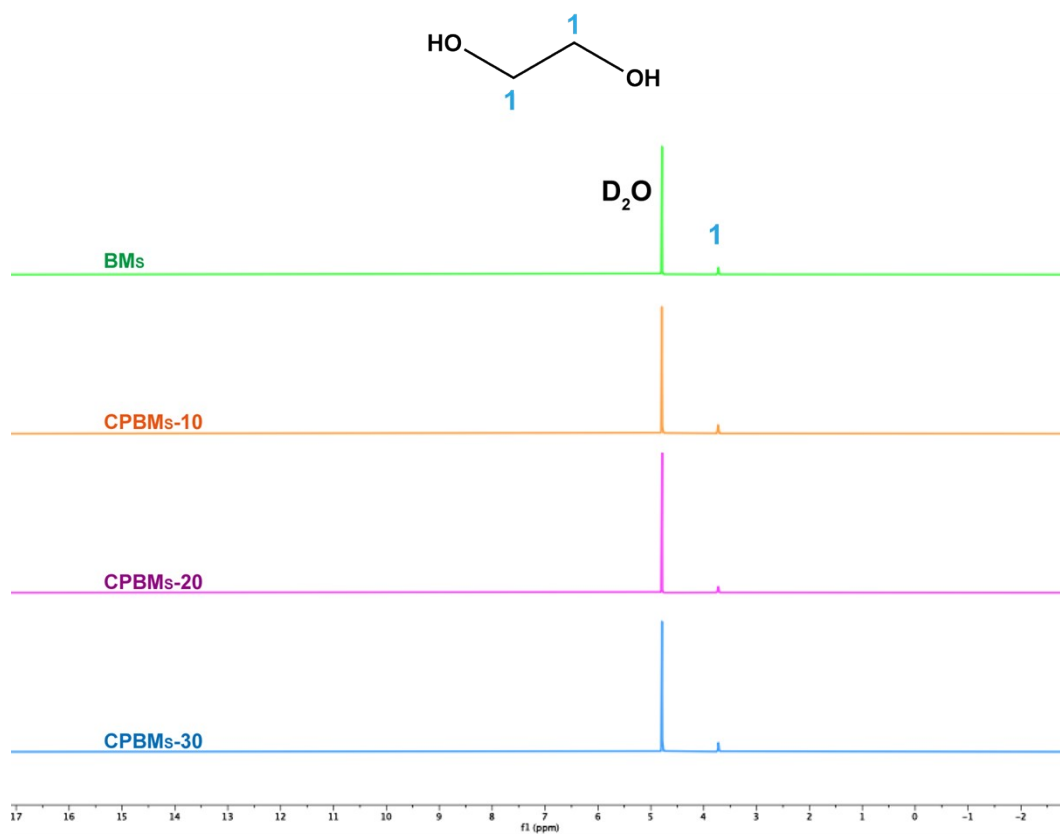


Figure S2. ^1H NMR spectra of BMs and CPBMs after 24 hours of degradation in PBS.

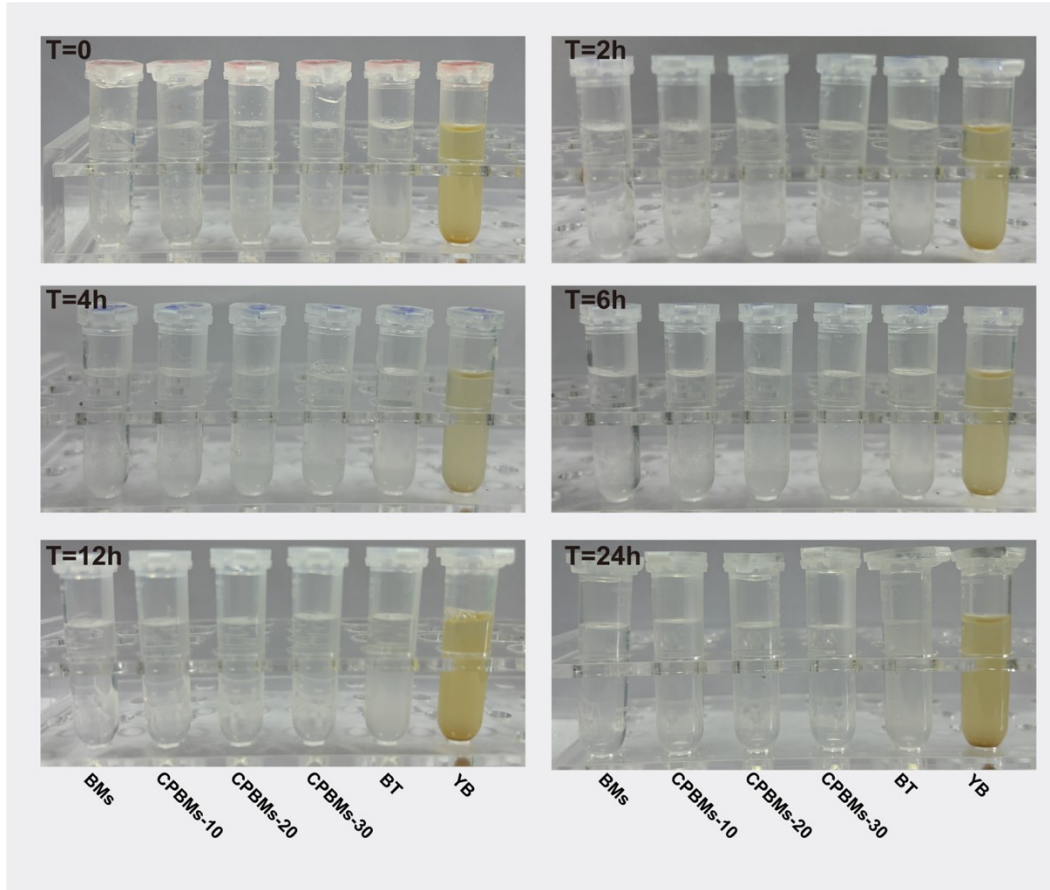


Figure S3. Images of BMs, CPBMs, YB, and BT soaked in PBS at different time points.

Table S1 Hemostatic time of coagulation disorder rat model.

	Hemostatic time of the rat-tail amputation (s)	Hemostatic time of the rat-liver injury (s)
CPBMs-30	98±2	81±18
YB	No clotting ^a	No clotting ^a
BT	No clotting ^a	No clotting ^a
Control	No clotting ^a	No clotting ^a

^a 6 minutes after the application of the hemostatic material, no coagulation was observed at the bleeding site.