

Supporting Information

Microfluidic fabrication of X-ray-visible sodium hyaluronate microspheres for embolization

Yang Shen,^{ab} Baoqu Zhang,^{ab} Zihan Yi,^{ab} Lan Zhang,^{ab} Jing Ling,^{ab} Shibo Wang,^{ab}
Zhichao Sun,*^c M. Zubair Iqbal^{ab} and Xiangdong Kong^{*ab}

^a Institute of Smart Biomaterial Materials, School of Materials Science and Engineering,
Zhejiang Sci-Tech University, Hangzhou 310018, P. R. China

^b Zhejiang-Mauritius Joint Research Center for Biomaterials and Tissue Engineering,
Zhejiang Sci-Tech University, Hangzhou 310018, P. R. China

^c The Department of Medical Imaging, The First Medical College of Zhejiang
Chinese Medical University, Hangzhou 310053, China.

Corresponding Author

*E-mail address: kongxd@zstu.ecu.cn (Xiangdong Kong)

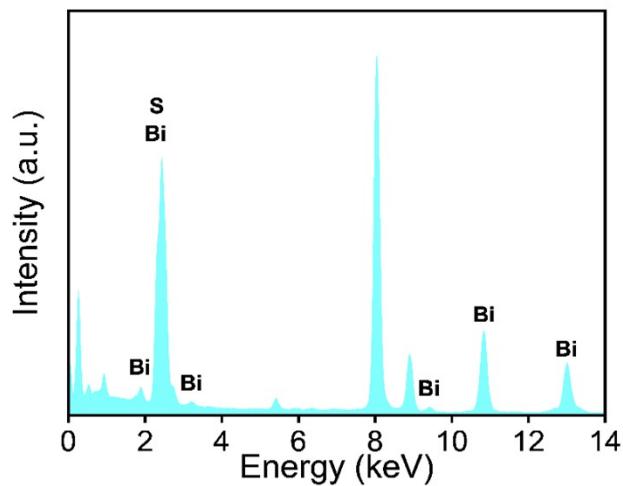


Fig. S1 The EDS spectrum of Bi_2S_3 NRs.

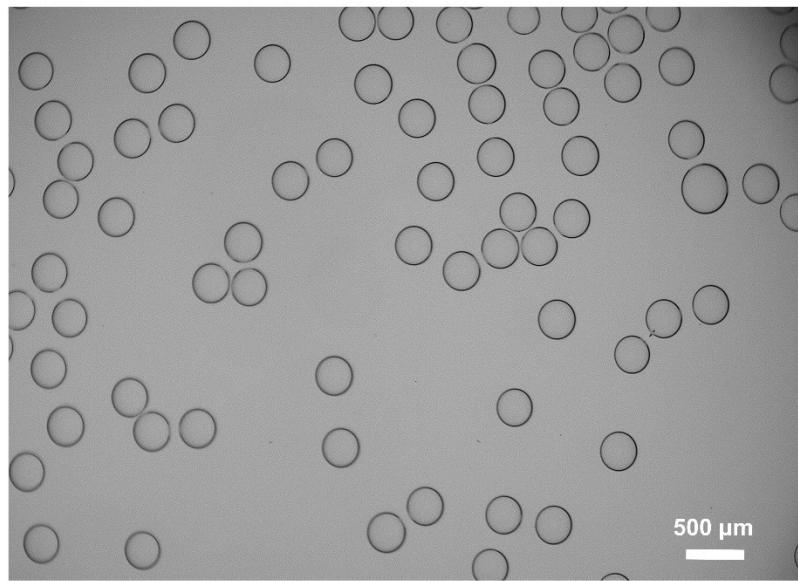


Fig. S2 Optical micrograph of SH microdroplets.

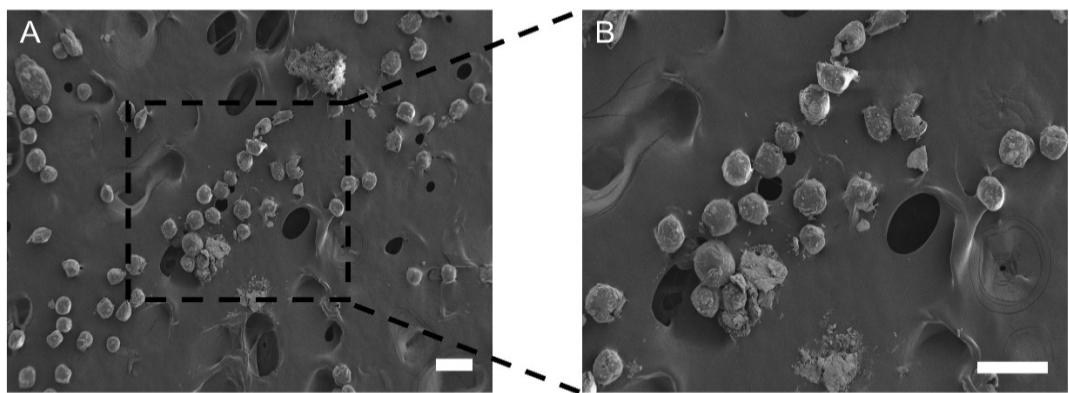


Fig. S3 (A) SEM image of the $\text{Bi}_2\text{S}_3@\text{SH-3}$ microspheres, scale bar: 200 μm . (B) The high magnification image of (A), scale bar: 200 μm .

Table. S1 Composition of the Bi₂S₃@SH microspheres.

Samples	HA (g)	HCl (mL)	BDDE (μL)	Theoretical Bi ₂ S ₃ contents (g)
SH-0	0.4	19.6	50	0
Bi ₂ S ₃ @SH-1	0.4	19.6	50	0.07
Bi ₂ S ₃ @SH-2	0.4	19.6	50	0.17
Bi ₂ S ₃ @SH-3	0.4	19.6	50	0.4