Electronic Supplementary Material (ESI) for Biomaterials Science.

Supplementary table and figures

Table S1. Detailed antibodies information for flow cytometry and immunofluorescence analyses.

Figure S1. Evaluation of decellularization efficiency. (A) H&E and DAPI staining of the native bladder and BAM. (B) DNA quantification of the native bladder and BAM. Scale bar = 100 μm. $^{*}P<0.05$, $^{**}P<0.01$, $^{***}P<0.001$.

Figure S2. Flow cytometry identification of the ASCs. The CD90 and CD29 were positive expressions, and the CD45 and CD106 were negative expressions.

Figure S3. Histological staining of the BSFS-BAMH encapsulating the labeled ASCs. H&E (A) and DAPI (B) staining of the BSFS-BAMH-ASCs cultured in the α-MEM containing 10% FBS for 7 days. Blue: the cell nuclei. Red: the CM-DiI-labeled ASCs. Scale bar = 100 μm.

Table S1. Detailed antibodies information for flow cytometry and immunofluorescence analyses

Against	catalog	Dilution
CD29-FITC	561796, BD Biosciences, Lake Franklin, NJ, USA	1:200
CD90-FITC	561973, BD	1:200
CD45-FITC	561867, BD	1:200
CD106-PE	559229, BD	1:200
AE1/AE3	ab80826, Abcam	1:200
α-SMA	ab124964, Abcam	1:1000
NeuN	ab177487, Abcam	1:3000
CD31	ab182981, Abcam	1:2000

Figure S1

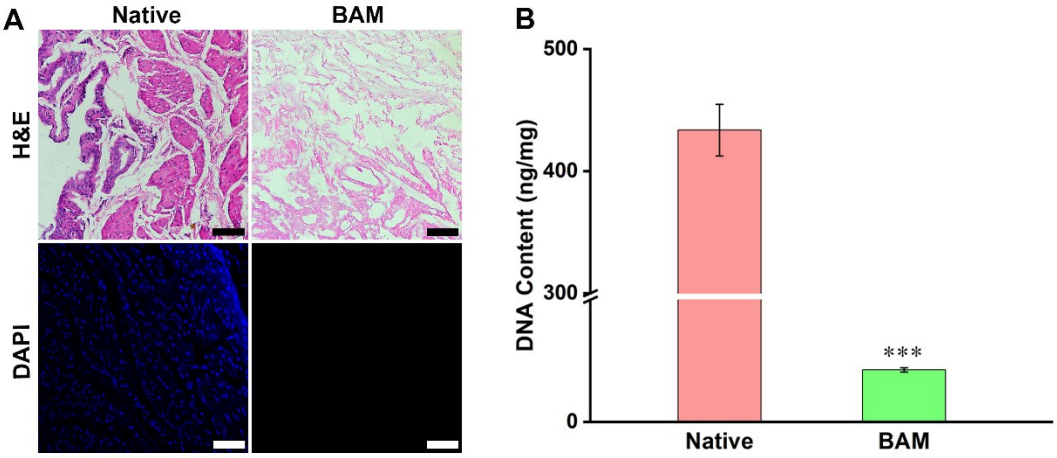

Figure S2

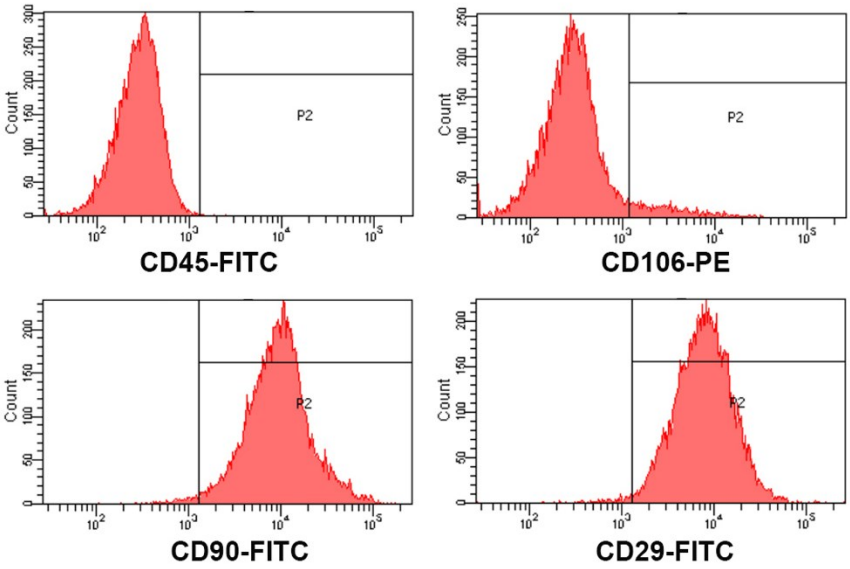

Figure S3