Supplementary Material

Sulfur-mediated Polycarbonate-polyurethane for Potential Application of Blood-contacting Materials

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**Fig. S1.** Cal-AM fluorescence staining of MA on the different samples surface.



**Fig. S2.** (A) Quantitative analysis of TNF-α and (B) IL-6 of MA cultured for 3 days.



**Fig. S3.** Immunofluorescence staining results. (A) CD 206 staining of regenerated tissue (red is the positive expression of M2-type macrophage). (B) The results of α-SMA and OPN double staining of regenerated tissue (red is the positive expression of OPN of synthetic SMC, green is the positive expression of α-SMA of contractile SMC, *P* is the location of sample implantation, *B* is the location of blood flow).