

Mussel-Inspired Surface Functionalization of Porous Albumin Cryogels Supporting Synergistic Antibacterial/Antioxidant Activity and Bone-Like Apatite Formation

Nabila Mehwish ¹, Mengdie Xu ¹, Muhammad Zaeem ² and Bae Hoon Lee ^{1,3,*}

¹ Engineering Research Center of Clinical Functional Materials and Diagnosis & Treatment Devices of Zhejiang Province, Wenzhou Institute, University of Chinese Academy of Sciences, Wenzhou 325011, China

² Wenzhou Medical University, School of Pharmaceutical Sciences, Wenzhou 325000, China

³ Oujiang Laboratory (Zhejiang Lab for Regenerative Medicine, Vision and Brain Health), Wenzhou 325000, China

* Correspondence: bhlee@wiucas.ac.cn

Supplementary Materials:

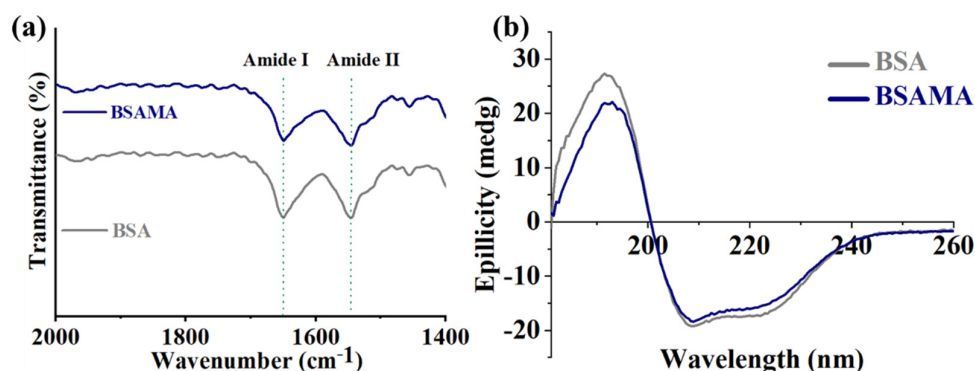


Figure S1. FTIR and CD spectra of BSA and BSAMA.

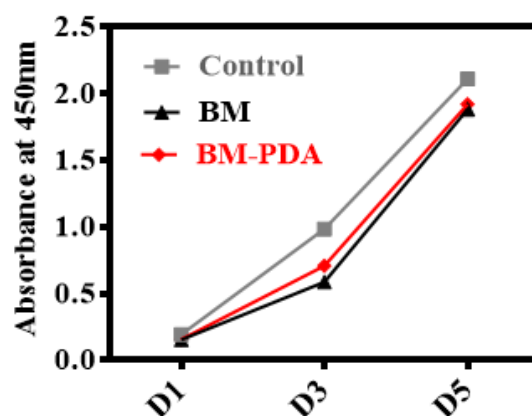


Figure S2. L929 fibroblasts cytocompatibility of BM and BM-PDA cryogels after cultivation for 1, 3, and 5 days.