

Collagen Hybrid Formulations for the 3D Printing of Nanostructured Bone Scaffolds: An Optimized Genipin-Crosslinking Strategy

Original

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Table S1. Summary of the formulation and chemical crosslinking investigated in the study.

FORMULATION	CHEMICAL CROSSLINKING
1.5%Coll/nanoMBG_Sr4%	No chemical crosslinking
GEN/PBS crosslinked 1.5%Coll/nanoMBG_Sr4%	0.5% Genipin in PBS
GEN/EtOH crosslinked 1.5%Coll/nanoMBG_Sr4%	0.5% Genipin in 70% EtOH

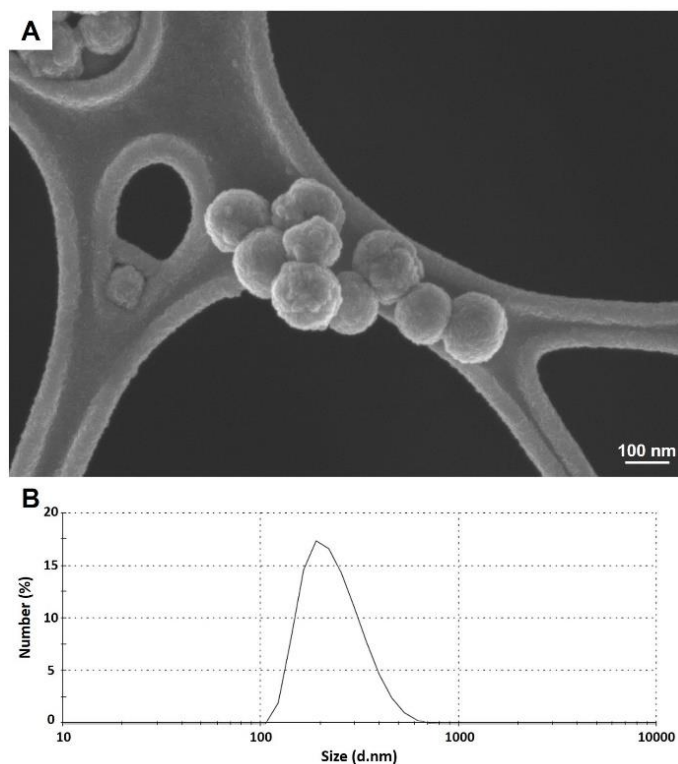


Figure S1. FESEM image (A) and size distribution (B) of nanoMBG_Sr4% particles.

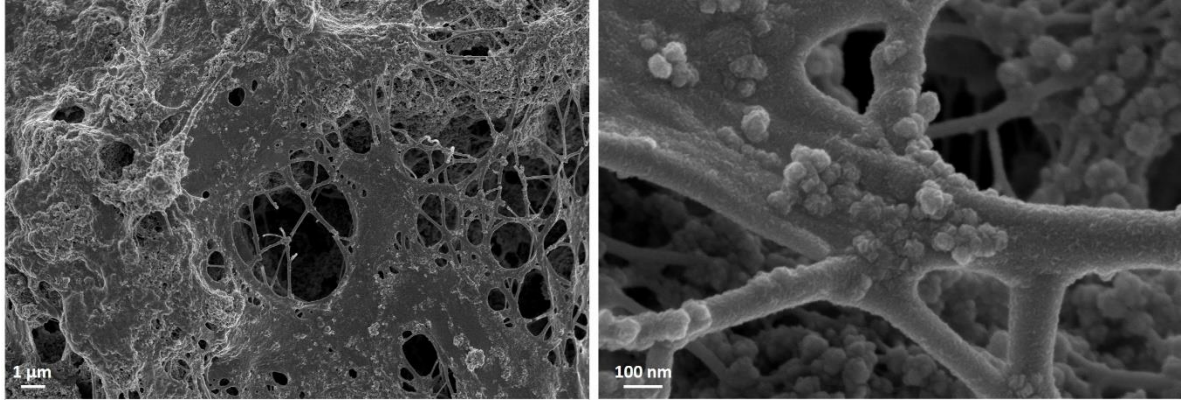


Figure S2. *Cross-sectional* FESEM images of Coll/nanoMBG_Sr4% after GEN/EtOH crosslinking at different magnifications.

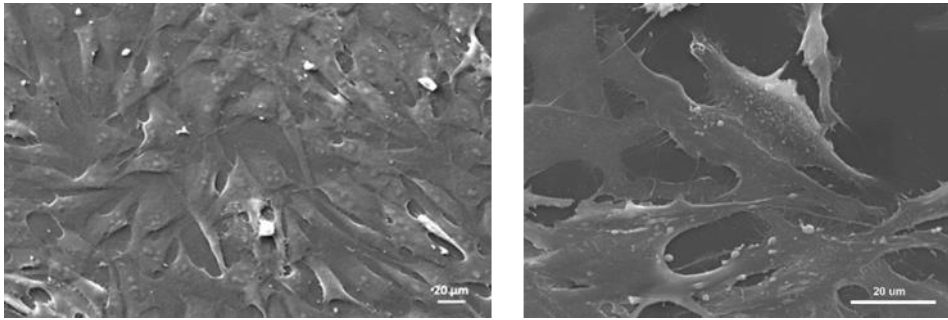


Figure S3. SEM images showing the morphology of control MG-63 (left) and Saos-2 (right) onto standard TCPS at 24 hours. Scale bars=20 μm.