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

*Original*

Collagen Hybrid Formulations for the 3D Printing of Nanostructured Bone Scaffolds: An Optimized Genipin-Crosslinking Strategy / Montalbano, Giorgia; Borciani, Giorgia; Cerqueni, Giorgia; Licini, Caterina; Banche Niclot, Federica; Janner, Davide Luca; Sola, Stefania; Fiorilli, Sonia Lucia; Mattioli-Belmonte, Monica; Ciapetti, Gabriela; Vitale Brovarone, Chiara. - In: NANOMATERIALS. - ISSN 2079-4991. - STAMPA. - 10:9(2020), p. 1681.

*Availability:*

This version is available at: 11583/2844033 since: 2020-09-04T09:09:21Z

*Publisher:*

MDPI

*Published*

DOI:10.3390/nano10091681

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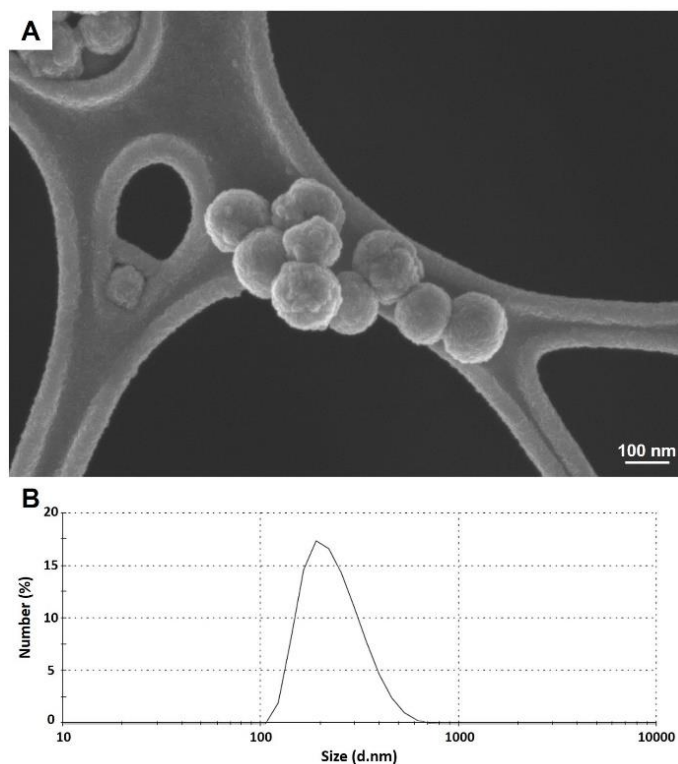
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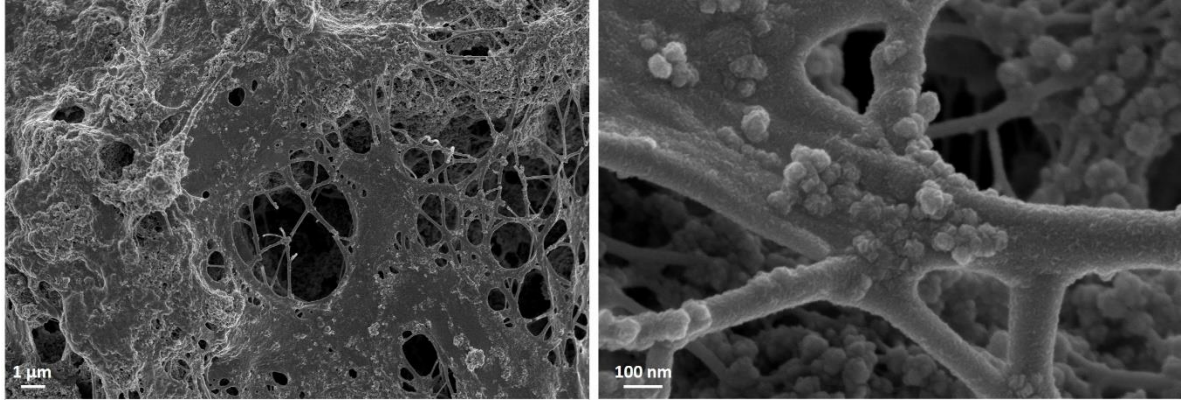
# Collagen hybrid formulations for the 3D printing of nanostructured bone scaffolds: an optimized genipin-crosslinking strategy

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

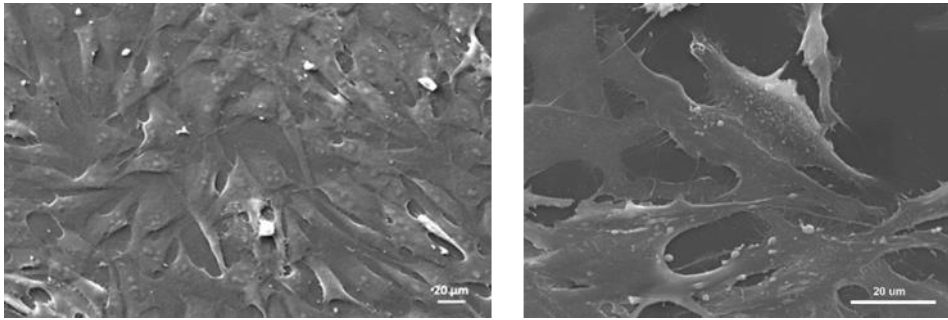
FORMULATION	CHEMICAL CROSSLINKING
1.5%Coll/nanoMBG_Sr4%	No chemical crosslinking
GEN/PBS crosslinked 1.5%Coll/nanoMBG_Sr4%	0.5% Genipin in PBS
GEN/EtOH crosslinked 1.5%Coll/nanoMBG_Sr4%	0.5% Genipin in 70% EtOH



**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.