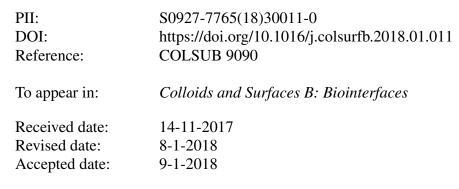
Accepted Manuscript

Title: Dehydrothermally crosslinked collagen/hydroxyapatite composite for enhanced in vivo bone repair

Authors: Ziqiang Zhang, Zequn Ma, Yihe Zhang, Feixu Chen, Yan Zhou, Qi An



Please cite this article as: Ziqiang Zhang, Zequn Ma, Yihe Zhang, Feixu Chen, Yan Zhou, Qi An, Dehydrothermally crosslinked collagen/hydroxyapatite composite for enhanced in vivo bone repair, Colloids and Surfaces B: Biointerfaces https://doi.org/10.1016/j.colsurfb.2018.01.011

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Dehydrothermally crosslinked collagen/ hydroxyapatite composite for enhanced in vivo bone repair

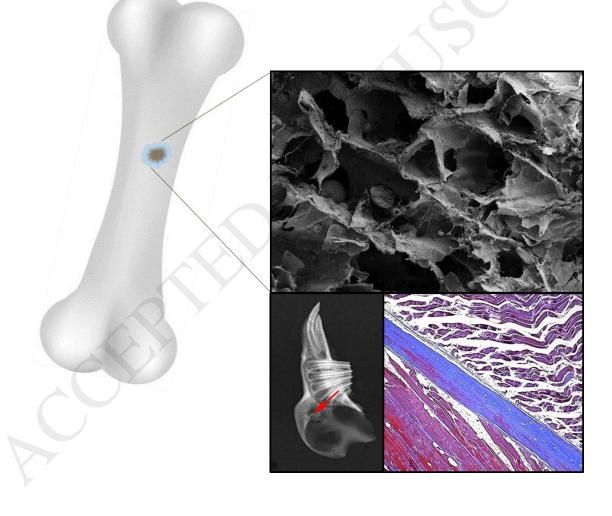
Ziqiang Zhang#, Zequn Ma#, Yihe Zhang*, Feixu Chen, Yan Zhou, Qi An*

[#] these authors contributed equally

Beijing Key Laboratory of Materials Utilization of Nonmetallic Minerals and Solid Wastes, National Laboratory of Mineral Materials, School of Materials Science and Technology, China University of Geosciences, Beijing, 100083. E-mail: (Y. Z. <u>zyh@cugb.edu.cn</u>; Q. A. <u>an@cugb.edu.cn</u>)

Graphical Abstract

A dehydrothermal method is developed to fabricate collagen-hydroxyapatite composite bone repair materials which function effectively in vivo.



Highlights

> A dehydrothermal method for a highly effective bone repair material is reported.

Download English Version:

https://daneshyari.com/en/article/6980693

Download Persian Version:

https://daneshyari.com/article/6980693

Daneshyari.com