Accepted Manuscript

Comparative investigation of porous nano-hydroxyapaptite/chitosan, nano-zirconia/chitosan and novel nano-calcium zirconate/chitosan composite scaffolds for their potential applications in bone regeneration



Bipin Gaihre, A. Champa Jayasuriya

PII: S0928-4931(17)33722-0

DOI: doi:10.1016/j.msec.2018.05.060

Reference: MSC 8618

To appear in: Materials Science & Engineering C

Received date: 14 September 2017

Revised date: 4 May 2018 Accepted date: 17 May 2018

Please cite this article as: Bipin Gaihre, A. Champa Jayasuriya, Comparative investigation of porous nano-hydroxyapaptite/chitosan, nano-zirconia/chitosan and novel nano-calcium zirconate/chitosan composite scaffolds for their potential applications in bone regeneration. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Msc(2017), doi:10.1016/j.msec.2018.05.060

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

Comparative investigation of porous nano-hydroxyapaptite/chitosan, nanozirconia/chitosan and novel nano-calcium zirconate/chitosan composite scaffolds for their potential applications in bone regeneration

Bipin Gaihre¹, A. Champa Jayasuriya^{1,2,*}

¹Department of Bioengineering, The University of Toledo, Toledo, OH 43614, USA

²Department of Orthopaedic Surgery, University of Toledo Medical Center, Toledo, OH 43614, USA

* Corresponding author. Department of Orthopaedic Surgery, University of Toledo Medical Center, 3000 Arlington Avenue, Toledo, OH 43614, USA

Tel: +1-429-383-6557

Fax: +1-419-383-3526

E-mail: a.jayasuriya@utoledo.edu

Download English Version:

https://daneshyari.com/en/article/7865891

Download Persian Version:

https://daneshyari.com/article/7865891

<u>Daneshyari.com</u>