

## Accepted Manuscript

Mesoporous silicate nanoparticles/3D nanofibrous scaffold-mediated dual-drug delivery for bone tissue engineering

Qingqing Yao, Yangxi Liu, Balaranjan Selvaratnam, Ranjit T. Koodali, Hongli Sun



PII: S0168-3659(18)30193-7  
DOI: doi:[10.1016/j.jconrel.2018.04.011](https://doi.org/10.1016/j.jconrel.2018.04.011)  
Reference: COREL 9238  
To appear in: *Journal of Controlled Release*  
Received date: 27 November 2017  
Revised date: 1 March 2018  
Accepted date: 6 April 2018

Please cite this article as: Qingqing Yao, Yangxi Liu, Balaranjan Selvaratnam, Ranjit T. Koodali, Hongli Sun , Mesoporous silicate nanoparticles/3D nanofibrous scaffold-mediated dual-drug delivery for bone tissue engineering. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Corel(2017), doi:[10.1016/j.jconrel.2018.04.011](https://doi.org/10.1016/j.jconrel.2018.04.011)

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.

**Mesoporous Silicate Nanoparticles/3D Nanofibrous Scaffold-mediated Dual-drug Delivery for Bone Tissue Engineering**

Qingqing Yao <sup>a,b,c</sup>, Yangxi Liu <sup>a</sup>, Balaranjan Selvaratnam <sup>d</sup>, Ranjit T. Koodali <sup>d</sup>, Hongli Sun <sup>a,\*</sup>

<sup>a</sup> Department of Biomedical Engineering, University of South Dakota, BioSNTR, Sioux Falls, SD 57107, USA

<sup>b</sup> School of Ophthalmology and Optometry, Wenzhou Medical University, 270 Xueyuan Xi Road, Wenzhou, Zhejiang 325027, China

<sup>c</sup> Institute of Advanced Materials for Nano-Bio Applications, Wenzhou Medical University, Wenzhou, Zhejiang 325027, China

<sup>d</sup> Department of Chemistry, University of South Dakota, 414 E. Clark Street, Vermillion, 57069 SD, USA

Corresponding Author

\* Professor Hongli Sun, Ph.D.

Biomedical Engineering

The University of South Dakota

4800 N. Career Ave, Suite 221, Sioux Falls, SD 57107

Phone : (+1) 605-275-7470 ; Fax : +1 605-782-3280 ;

E-mail : hongli.sun@usd.edu

Download English Version:

<https://daneshyari.com/en/article/7859703>

Download Persian Version:

<https://daneshyari.com/article/7859703>

[Daneshyari.com](https://daneshyari.com)