Accepted Manuscript

Full length article

Optical imaging and anticancer chemotherapy through carbon dot created hollow mesoporous silica nanoparticles

Min Sil Kang, Rajendra K. Singh, Tae-Hyun Kim, Joong-Hyun Kim, Kapil D. Patel, Hae-Won Kim

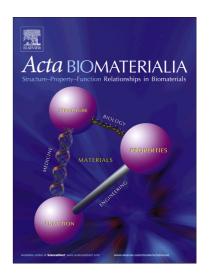
PII: S1742-7061(17)30225-8

DOI: http://dx.doi.org/10.1016/j.actbio.2017.03.054

Reference: ACTBIO 4822

To appear in: Acta Biomaterialia

Received Date: 2 December 2016 Revised Date: 29 March 2017 Accepted Date: 30 March 2017



Please cite this article as: Kang, M.S., Singh, R.K., Kim, T-H., Kim, J-H., Patel, K.D., Kim, H-W., Optical imaging and anticancer chemotherapy through carbon dot created hollow mesoporous silica nanoparticles, *Acta Biomaterialia* (2017), doi: http://dx.doi.org/10.1016/j.actbio.2017.03.054

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

Optical imaging and anticancer chemotherapy through carbon dot created hollow mesoporous silica nanoparticles

Min Sil Kang^{1,2}, Rajendra K. Singh^{1,2}, Tae-Hyun Kim^{1,2}, Joong-Hyun Kim^{1,2}, Kapil D. Patel, and Hae-Won Kim^{1,2,3},*

For: Acta Biomaterialia

¹Institute of Tissue Regeneration Engineering, Dankook University, Cheonan 330-714, Republic of Korea

²Department of Nanobiomedical Science and BK21 PLUS NBM Global Research Center for Regenerative Medicine, Dankook University, Cheonan 330-714, Republic of Korea

³Department of Biomaterials Science, College of Dentistry, Dankook University, Cheonan 330-714, Republic of Korea

⁻⁻⁻⁻⁻

^{*}Corresponding author: Tel: +82 41 550 3081; Fax: +82 41 550 3085; E-mail: kimhw@dku.edu

Download English Version:

https://daneshyari.com/en/article/6449272

Download Persian Version:

https://daneshyari.com/article/6449272

<u>Daneshyari.com</u>