

## Accepted Manuscript

Direct surface grafting of mesoporous silica nanoparticles with phospholipid choline-containing copolymers through chain transfer free radical polymerization and their controlled drug delivery

Long Huang, Jing Wu, Meiyang Liu, Liucheng Mao, Hongye Huang, Qing Wan, Yanfeng Dai, Yuanqing Wen, Xiaoyong Zhang, Yen Wei

PII: S0021-9797(17)30976-1  
DOI: <http://dx.doi.org/10.1016/j.jcis.2017.08.071>  
Reference: YJCIS 22718

To appear in: *Journal of Colloid and Interface Science*

Received Date: 26 May 2017  
Revised Date: 18 August 2017  
Accepted Date: 21 August 2017

Please cite this article as: L. Huang, J. Wu, M. Liu, L. Mao, H. Huang, Q. Wan, Y. Dai, Y. Wen, X. Zhang, Y. Wei, Direct surface grafting of mesoporous silica nanoparticles with phospholipid choline-containing copolymers through chain transfer free radical polymerization and their controlled drug delivery, *Journal of Colloid and Interface Science* (2017), doi: <http://dx.doi.org/10.1016/j.jcis.2017.08.071>

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.



Direct surface grafting of mesoporous silica nanoparticles with phospholipid choline-containing copolymers through chain transfer free radical polymerization and their controlled drug delivery

Long Huang<sup>a</sup>, Jing Wu<sup>a</sup>, Meiyong Liu<sup>a</sup>, Liucheng Mao<sup>a</sup>, Hongye Huang<sup>a</sup>, Qing Wan<sup>a</sup>, Yanfeng Dai<sup>a</sup>, Yuanqing Wen<sup>a,\*</sup>, Xiaoyong Zhang<sup>a,\*</sup>, Yen Wei<sup>b,\*</sup>

<sup>a</sup>Department of Chemistry, Nanchang University, Nanchang 330031, China; <sup>b</sup>Department of Chemistry and the Tsinghua Centre for Frontier Polymer Research, Tsinghua University, Beijing, 100084, P. R. China.

Download English Version:

<https://daneshyari.com/en/article/4984212>

Download Persian Version:

<https://daneshyari.com/article/4984212>

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