

Accepted Manuscript

Title: Tunable drug release from nanofibers coated with blank cellulose acetate layers fabricated using tri-axial electrospinning

Authors: Yaoyao Yang, Wenbing Li, Deng-Guang Yu, Guanhua Wang, Gareth R. Williams, Zhu Zhang



PII: S0144-8617(18)31135-4
DOI: <https://doi.org/10.1016/j.carbpol.2018.09.061>
Reference: CARP 14104

To appear in:

Received date: 24-8-2018
Revised date: 22-9-2018
Accepted date: 22-9-2018

Please cite this article as: Yang Y, Li W, Yu D-Guang, Wang G, Williams GR, Zhang Z, Tunable drug release from nanofibers coated with blank cellulose acetate layers fabricated using tri-axial electrospinning, *Carbohydrate Polymers* (2018), <https://doi.org/10.1016/j.carbpol.2018.09.061>

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.

Tunable drug release from nanofibers coated with blank cellulose acetate layers fabricated using tri-axial electrospinning

Yaoyao Yang ^{a,1}, Wenbing Li^{b,1}, Deng-Guang Yu ^{a,*}, Guanhua Wang ^b, Gareth R. Williams ^c and Zhu Zhang ^{d,*}

^a School of Materials Science & Engineering, University of Shanghai for Science & Technology, Shanghai 200093, China.

^b School of Chemistry & Chemical Engineering, Wuhan University of Science & Technology, Wuhan 430081, China

^c UCL School of Pharmacy, University College London, 29-39 Brunswick Square, London WC1N 1AX, UK.

^d Department of Internal Medicine, The Hospital of Wuhan University of Science & Technology, Wuhan 430081, China

¹ These authors contributed equally to this work.

Corresponding authors:

Prof. Deng-Guang Yu and Dr. Zhu Zhang

Addresses:

DGY:

School of Materials Science & Engineering,
University of Shanghai for Science and Technology,
516 Jungong Road, Yangpu District,
Shanghai 200093, P.R. China

Tel./ Fax: +86-21-55270632

E-mail: ydg017@usst.edu.cn

ZZ:

Department of Internal Medicine
The Hospital of Wuhan University of Science & Technology
Wuhan 430081, China

E-mail: zhangzhu75@wust.edu.cn

Download English Version:

<https://daneshyari.com/en/article/11027169>

Download Persian Version:

<https://daneshyari.com/article/11027169>

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