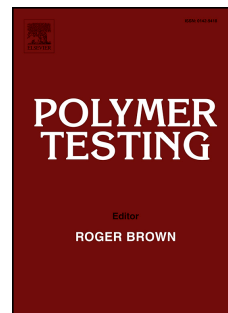


Accepted Manuscript

Electrospun poly (butylene succinate)/cellulose nanocrystals bio-nanocomposite scaffolds for tissue engineering: Preparation, characterization and *in vitro* evaluation

An Huang, Xiangfang Peng, Lihong Geng, Lingli Zhang, Keqing Huang, Binyi Chen, Zhipeng Gu, Tairong Kuang



PII: S0142-9418(18)31058-4

DOI: [10.1016/j.polymeresting.2018.08.027](https://doi.org/10.1016/j.polymeresting.2018.08.027)

Reference: POTE 5589

To appear in: *Polymer Testing*

Received Date: 11 July 2018

Revised Date: 12 August 2018

Accepted Date: 25 August 2018

Please cite this article as: A. Huang, X. Peng, L. Geng, L. Zhang, K. Huang, B. Chen, Z. Gu, T. Kuang, Electrospun poly (butylene succinate)/cellulose nanocrystals bio-nanocomposite scaffolds for tissue engineering: Preparation, characterization and *in vitro* evaluation, *Polymer Testing* (2018), doi: 10.1016/j.polymeresting.2018.08.027.

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

Electrospun poly (butylene succinate)/cellulose nanocrystals bio-nanocomposite scaffolds for tissue engineering: preparation, characterization and *in vitro* evaluation

An Huang^{a,c}, Xiangfang Peng^{a,c}, Lihong Geng^c, Lingli Zhang^c, Keqing Huang^d, Binyi Chen^c, Zhipeng Gu^{d*},
Tairong Kuang^{a,b*}

^a*The Key Laboratory of Polymer Processing Engineering of Ministry of Education, South China University of Technology, Guangzhou, 510640, China*

^b*State Key Laboratory of Bioreactor Engineering, East China University of Science and Technology, Shanghai 200237, China*

^c*Department of Industrial Equipment and Control Engineering, South China University of Technology, Guangzhou, 510640, China*

^d*Key Laboratory of Sensing Technology and Biomedical Instrument of Guangdong Province, School of Biomedical Engineering, Sun Yat-sen University, Guangzhou 510006, P. R. China.*

*Corresponding authors: kuangtr@scut.edu.cn; guzhp@mail.sysu.edu.cn

Download English Version:

<https://daneshyari.com/en/article/10135256>

Download Persian Version:

<https://daneshyari.com/article/10135256>

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