Accepted Manuscript

Title: Antimicrobial activity and cytotoxicity of nanofibrous mats immobilized with polysaccharides-based nanogels

Author: Jianwei Zhang Xueyong Li Jing Tian Yuan Lu Xiaowen Shi Yingfei Zhan Yumin Du Huan Liu Hongbing Deng<ce:footnote id="fn0005"><ce:note-para id="npar0005">Co-first author with the same contribution to this work</ce:note-para></ce:footnote>



PII: S0927-7765(15)00270-2

DOI: http://dx.doi.org/doi:10.1016/j.colsurfb.2015.04.051

Reference: COLSUB 7056

To appear in: Colloids and Surfaces B: Biointerfaces

Received date: 1-1-2015 Revised date: 22-4-2015 Accepted date: 23-4-2015

Please cite this article as: J. Zhang, X. Li, J. Tian, Y. Lu, X. Shi, Y. Zhan, Y. Du, H. Liu, H. Deng, Antimicrobial activity and cytotoxicity of nanofibrous mats immobilized with polysaccharides-based nanogels, *Colloids and Surfaces B: Biointerfaces* (2015), http://dx.doi.org/10.1016/j.colsurfb.2015.04.051

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

1	Antimicrobial activity and cytotoxicity of hanolibrous mais
2	immobilized with polysaccharides-based nanogels
3	Jianwei Zhang ^{a,1} , Xueyong Li ^{b,1} , Jing Tian ^c , Yuan Lu ^d , Xiaowen Shi ^a , Yingfei
4	Zhan ^a , Yumin Du ^a , Huan Liu ^{e,*} and Hongbing Deng ^{a,*}
5	^a Department of Environmental Science, Hubei Key Lab of Biomass Resource and
6	Environmental Biotechnology, School of Resource and Environmental Science,
7	Wuhan University, Wuhan 430079, China
8	^b Department of Thoracic Surgery, Tangdu Hospital, Fourth Military Medical
9	University, Xi'an 710038, China
10	^c College of Food Science and Technology, Huazhong Agricultural University, No. 1
11	Shizishan Road, Wuhan 430070, China
12	^d School of Chemistry and Chemical Engineering, Guangxi University, Nanning
13	530004, China
14	^e State Key Laboratory of Virology, Wuhan Institute of Virology, Chinese Academy
15	of Sciences, Wuhan 430071, China
16	*Corresponding author. Tel.:; +86 27 87199810; +86 27 68778501
17	Fax:; +86 27 87199810; +86 27 68778501
18	E-mail addresses: liuhuan@wh.iov.cn (H. Liu)
19	hbdeng@whu.edu.cn, alphabeita@yahoo.com (H. Deng);
20	¹ Co-first author with the same contribution to this work
21	
22	
22	
23	

1

Download English Version:

https://daneshyari.com/en/article/6981621

Download Persian Version:

https://daneshyari.com/article/6981621

Daneshyari.com