

Accepted Manuscript

Characterization and long term antimicrobial activity of the nisin anchored cellulose films

Hao Wu, Chao Teng, Bin Liu, Huafeng Tian, JianGuo Wang



PII: S0141-8130(17)34815-8

DOI: <https://doi.org/10.1016/j.ijbiomac.2018.01.194>

Reference: BIOMAC 9026

To appear in:

Received date: 5 December 2017

Revised date: 28 January 2018

Accepted date: 29 January 2018

Please cite this article as: Hao Wu, Chao Teng, Bin Liu, Huafeng Tian, JianGuo Wang , Characterization and long term antimicrobial activity of the nisin anchored cellulose films. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Biomac(2018), <https://doi.org/10.1016/j.ijbiomac.2018.01.194>

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.

Characterization and long term antimicrobial activity of the
nisin anchored cellulose films

Hao Wu^{a,d,1}, Chao Teng^{b,1}, Bin Liu^d, Huafeng Tian^c, JianGuo Wang^{a,d,*}

^a Beijing Advanced Innovation Center for Food Nutrition and Human Health, Beijing Technology & Business University (BTBU)

^b Beijing Engineering and Technology Research Center of Food Additives, Beijing Technology & Business University (BTBU), Beijing 100048, China.

^c Beijing Key Laboratory of Quality Evaluation Technology for Hygiene and Safety of Plastics, Beijing Technology and Business University(BTBU), Beijing 100048, China.

^d College of Food Science and Engineering, Northwest A&F University, Yangling, Shaanxi, 712100, China.

¹: Wu Hao and Teng Chao contributed equally to this work and should be considered co-first authors.

* Corresponding author. Tel.: +86 29 87092486; fax: +86 29 87092486. E-mail address: wjg5118@nwafu.edu.cn.

Download English Version:

<https://daneshyari.com/en/article/8327531>

Download Persian Version:

<https://daneshyari.com/article/8327531>

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