

Accepted Manuscript

Title: Engineered chitosan-xanthan gum biopolymers effectively adhere to cells and readily release incorporated antiseptic molecules in a sustained manner

Author: Jieun Kim Jangsun Hwang Youngmin Seo Yeonho Jo
Jaewoo Son Jonghoon Choi



PII: S1226-086X(16)30396-3
DOI: <http://dx.doi.org/doi:10.1016/j.jiec.2016.10.017>
Reference: JIEC 3129

To appear in:

Received date: 8-9-2016
Revised date: 9-10-2016
Accepted date: 10-10-2016

Please cite this article as: Jieun Kim, Jangsun Hwang, Youngmin Seo, Yeonho Jo, Jaewoo Son, Jonghoon Choi, Engineered chitosan-xanthan gum biopolymers effectively adhere to cells and readily release incorporated antiseptic molecules in a sustained manner, Journal of Industrial and Engineering Chemistry <http://dx.doi.org/10.1016/j.jiec.2016.10.017>

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.

**Engineered chitosan-xanthan gum biopolymers effectively adhere to cells and readily release
incorporated antiseptic molecules in a sustained manner**

Jieun Kim, Jangsun Hwang, Youngmin Seo, Yeonho Jo, Jaewoo Son, and Jonghoon Choi*

School of Integrative Engineering, Chung-Ang University, Seoul 06974, Republic of Korea

*¹Corresponding author: Jonghoon Choi, Ph.D.

Email: nanomed@cau.ac.kr; Tel.: +82-2-820-5258; Fax: +82-2-814-2651

¹ **Abbreviations:** CHX, chlorhexidine

Download English Version:

<https://daneshyari.com/en/article/6668840>

Download Persian Version:

<https://daneshyari.com/article/6668840>

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