

## Accepted Manuscript

Combination of chemotherapy and photodynamic therapy for cancer treatment with sonoporation effects

Hohyeon Lee, Jieun Han, Heejun Shin, Hyounkoo Han, Kun Na, Hyuncheol Kim



PII: S0168-3659(18)30334-1  
DOI: doi:[10.1016/j.jconrel.2018.06.008](https://doi.org/10.1016/j.jconrel.2018.06.008)  
Reference: COREL 9332  
To appear in: *Journal of Controlled Release*  
Received date: 21 March 2018  
Revised date: 12 May 2018  
Accepted date: 5 June 2018

Please cite this article as: Hohyeon Lee, Jieun Han, Heejun Shin, Hyounkoo Han, Kun Na, Hyuncheol Kim , Combination of chemotherapy and photodynamic therapy for cancer treatment with sonoporation effects. Corel (2017), doi:[10.1016/j.jconrel.2018.06.008](https://doi.org/10.1016/j.jconrel.2018.06.008)

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.

## Combination of Chemotherapy and Photodynamic Therapy for Cancer Treatment with Sonoporation Effects

Hohyeon Lee<sup>1</sup>, Jieun Han<sup>2</sup>, Heejun Shin<sup>2</sup>, Hyounkoo Han<sup>1</sup>, Kun Na<sup>2,\*</sup> and Hyuncheol Kim<sup>1,3,\*</sup>

<sup>1</sup>Department of Chemical and Biomolecular Engineering, Sogang University, 35 Baekbeom-ro, Mapo-gu, Seoul 04107, Republic of Korea

<sup>2</sup>Center for Photomedicine, Department of Biotechnology, The Catholic University of Korea, Bucheon-si, Gyeonggi-do 14662, Republic of Korea

<sup>3</sup>Department of Biomedical Engineering, Sogang University, 35 Baekbeom-ro, Mapo-gu, Seoul 04107, Republic of Korea

\* H Lee and J Han equally contributed to this work.

\* Corresponding Author:

Hyuncheol Kim, Phone: +82-2-705-8922; Fax: +82-2-3273-0331. E-mail: hyuncheol@sogang.ac.kr

Kun Na, Phone: +82-2-2164-4832; Fax: +82-2-2164-4797. E-mail: kna6997@catholic.ac.kr

Download English Version:

<https://daneshyari.com/en/article/7859492>

Download Persian Version:

<https://daneshyari.com/article/7859492>

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