Accepted Manuscript

Title: Preparation of envelope-type lipid nanoparticles containing gold nanorods for photothermal cancer therapy

Authors: West Kristian D. Paraiso, Hiroki Tanaka, Yusuke Sato, Daiki Shirane, Noriyuki Suzuki, Yasumitsu Ogra, Kota Tange, Yuta Nakai, Hiroki Yoshioka, Hideyoshi Harashima, Hidetaka Akita

PII: S0927-7765(17)30676-8

DOI: https://doi.org/10.1016/j.colsurfb.2017.10.027

Reference: COLSUB 8908

To appear in: Colloids and Surfaces B: Biointerfaces

Received date: 13-4-2017 Revised date: 1-9-2017 Accepted date: 7-10-2017

Please cite this article as: West Kristian D.Paraiso, Hiroki Tanaka, Yusuke Sato, Daiki Shirane, Noriyuki Suzuki, Yasumitsu Ogra, Kota Tange, Yuta Nakai, Hiroki Yoshioka, Hideyoshi Harashima, Hidetaka Akita, Preparation of envelope-type lipid nanoparticles containing gold nanorods for photothermal cancer therapy, Colloids and Surfaces B: Biointerfaces https://doi.org/10.1016/j.colsurfb.2017.10.027

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.



Preparation of envelope-type lipid nanoparticles containing gold

nanorods for photothermal cancer therapy

West Kristian D. Paraiso¹, Hiroki Tanaka², Yusuke Sato¹, Daiki Shirane², Noriyuki Suzuki³,

Yasumitsu Ogra³, Kota Tange⁴, Yuta Nakai⁴, Hiroki Yoshioka⁴, Hideyoshi Harashima¹, Hidetaka

Akita^{2,*}

¹Laboratory for Molecular Design of Pharmaceutics, Faculty of Pharmaceutical Sciences,

Hokkaido University, Sapporo 060-0812, Japan

²Laboratory of Pharmacology and Toxicology, Graduate School of Pharmaceutical Sciences,

Chiba University, Chiba 260-8675, Japan

³Laboratory of Toxicology and Environmental Health, Graduate School of Pharmaceutical

Sciences, Chiba University, Chiba 260-8675, Japan

⁴NOF CORPORATION, 3-3 Chidori-cho, Kawasaki-ku, Kawasaki, Kanagawa 210-0865, Japan

Corresponding Author

*Hidetaka Akita

1-8-1 Inohana, Chuo-ku, Chiba City, Chiba, Japan

Tel/Fax: +81-43-226-2893

akitahide@chiba-u.jp

(Summary: 6024 words and 8 figures)

1

Download English Version:

https://daneshyari.com/en/article/6980824

Download Persian Version:

https://daneshyari.com/article/6980824

<u>Daneshyari.com</u>