Accepted Manuscript

Full length article

Development of a Macrophage-Targeting and Phagocytosis-Inducing Bionanocapsule-based Nanocarrier for Drug Delivery

Hao Li, Kenji Tatematsu, Masaharu Somiya, Masumi Iijima, Shun' ichi Kuroda

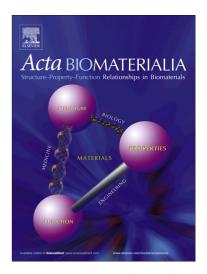
PII: S1742-7061(18)30226-5

DOI: https://doi.org/10.1016/j.actbio.2018.04.023

Reference: ACTBIO 5423

To appear in: Acta Biomaterialia

Received Date: 17 November 2017 Revised Date: 28 March 2018 Accepted Date: 11 April 2018



Please cite this article as: Li, H., Tatematsu, K., Somiya, M., Iijima, M., ichi Kuroda, S., Development of a Macrophage-Targeting and Phagocytosis-Inducing Bio-nanocapsule-based Nanocarrier for Drug Delivery, *Acta Biomaterialia* (2018), doi: https://doi.org/10.1016/j.actbio.2018.04.023

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

Development of a Macrophage-Targeting and Phagocytosis-Inducing Bio-nanocapsule-based Nanocarrier for Drug Delivery

Hao Li, Kenji Tatematsu, Masaharu Somiya, Masumi Iijima, and Shun' ichi Kuroda

The Institute of Scientific and Industrial Research, Osaka University, Ibaraki 567-0047, Japan

*Corresponding author

Shun' ichi Kuroda, Department of Biomolecular Science and Reaction, The Institute of Scientific and Industrial Research, Osaka University, 8-1 Mihogaoka, Ibaraki, Osaka 567-0047, Japan. Tel: +81-6-6879-8460; Fax: +81-6-6879-8464; E-mail: skuroda@sanken.osaka-u.ac.jp

Abbreviations: BNC, Bio-nanocapsule; DC, dendritic cell; DDS, drug delivery system; DOX, doxorubicin; HBV, hepatitis B virus; LP, liposome; LSM, laser scanning microscope; mIgG2a, mouse IgG2a; PBS, phosphate-buffered saline; PDI, polydispersity index.

Download English Version:

https://daneshyari.com/en/article/6482888

Download Persian Version:

https://daneshyari.com/article/6482888

<u>Daneshyari.com</u>