

Accepted Manuscript

Title: Drug release behavior of hydrophobic drug-loaded poly (lactide-*co*-glycolide) nanoparticles: effects of glass transition temperature

Authors: Issei Takeuchi, Shunsuke Yamaguchi, Satoru Goto, Kimiko Makino



PII: S0927-7757(17)30421-1
DOI: <http://dx.doi.org/doi:10.1016/j.colsurfa.2017.04.080>
Reference: COLSUA 21592

To appear in: *Colloids and Surfaces A: Physicochem. Eng. Aspects*

Received date: 7-3-2017
Revised date: 13-4-2017
Accepted date: 29-4-2017

Please cite this article as: Issei Takeuchi, Shunsuke Yamaguchi, Satoru Goto, Kimiko Makino, Drug release behavior of hydrophobic drug-loaded poly (lactide-*co*-glycolide) nanoparticles: effects of glass transition temperature, *Colloids and Surfaces A: Physicochemical and Engineering Aspects* <http://dx.doi.org/10.1016/j.colsurfa.2017.04.080>

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.

Drug release behavior of hydrophobic drug-loaded poly (lactide-*co*-glycolide) nanoparticles: effects of glass transition temperature

Issei Takeuchi¹⁻³, Shunsuke Yamaguchi¹, Satoru Goto¹⁻³, Kimiko Makino¹⁻³*

1) Faculty of Pharmaceutical Sciences, Tokyo University of Science, 2641, Yamazaki, Noda, Chiba 278-8510, Japan

2) Center for Drug Delivery Research, Tokyo University of Science, 2641, Yamazaki, Noda, Chiba 278-8510, Japan

3) Center for Physical Pharmaceutics, Tokyo University of Science, 2641, Yamazaki, Noda, Chiba 278-8510, Japan

* To whom all correspondence should be addressed.

Mailing address

Kimiko Makino

Faculty of Pharmaceutical Sciences, Tokyo University of Science,
2641, Yamazaki, Noda, Chiba 278-8510, Japan

makino@rs.noda.tus.ac.jp

Phone and Fax: +81-4-7121-3662

Total number of words: 4244

Total number of tables: 2

Total number of figures: 7

Download English Version:

<https://daneshyari.com/en/article/4981916>

Download Persian Version:

<https://daneshyari.com/article/4981916>

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