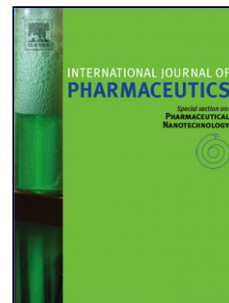


Accepted Manuscript

Title: Impact of PEG and PEG-*b*-PAGE modified PLGA on nanoparticle formation, protein loading and release

Author: René Rietscher Justyna A. Czaplewska Tobias C. Majdanski Michael Gottschaldt Ulrich S. Schubert Marc Schneider Claus-Michael Lehr



PII: S0378-5173(16)30021-7
DOI: <http://dx.doi.org/doi:10.1016/j.ijpharm.2016.01.021>
Reference: IJP 15487

To appear in: *International Journal of Pharmaceutics*

Received date: 1-11-2015
Revised date: 11-1-2016
Accepted date: 12-1-2016

Please cite this article as: Rietscher, René, Czaplewska, Justyna A., Majdanski, Tobias C., Gottschaldt, Michael, Schubert, Ulrich S., Schneider, Marc, Lehr, Claus-Michael, Impact of PEG and PEG-*b*-PAGE modified PLGA on nanoparticle formation, protein loading and release. *International Journal of Pharmaceutics* <http://dx.doi.org/10.1016/j.ijpharm.2016.01.021>

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.

Impact of PEG and PEG-*b*-PAGE modified PLGA on nanoparticle formation, protein loading and release

René Rietscher ^a, Justyna A. Czaplewska ^b, Tobias C. Majdanski ^b, Michael Gottschaldt ^b,
Ulrich S. Schubert ^b, Marc Schneider ^c, Claus-Michael Lehr ^{*a,c}

^a Helmholtz Institute for Pharmaceutical Research Saarland (HIPS), Helmholtz Center for Infection Research (HZI), Saarland University, Saarbrücken, Germany

^b Laboratory of Organic and Macromolecular Chemistry (IOMC) and Jena Center for Soft Matter (JCSM), Friedrich Schiller University, Jena, Germany

^c Saarland University, Department of Pharmacy, Biopharmaceutics and Pharmaceutical Technology, Saarbrücken, Germany

* Please address correspondence to:

Prof. Claus-Michael Lehr

Head, Dept. of Drug Delivery (DDEL)

Helmholtz-Institute for Pharmaceutical Research Saarland (HIPS),

Saarland University Campus E8.1

66123 Saarbrücken, Germany

Tel.: ++49 (681) 302 3039

Fax: ++49 (681) 302 4677E-mail: claus-michael.lehr@helmholtz-hzi.de

Download English Version:

<https://daneshyari.com/en/article/5817665>

Download Persian Version:

<https://daneshyari.com/article/5817665>

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