

Accepted Manuscript

Title: Nanohybrid magnetic liposome functionalized with hyaluronic acid for enhanced cellular uptake and near-infrared-triggered drug release

Authors: Van Du Nguyen, Shaohui Zheng, Jiwon Han, Viet Ha Le, Jong-Oh Park, Sukho Park



PII: S0927-7765(17)30127-3
DOI: <http://dx.doi.org/doi:10.1016/j.colsurfb.2017.03.008>
Reference: COLSUB 8418

To appear in: *Colloids and Surfaces B: Biointerfaces*

Received date: 11-11-2016
Revised date: 26-2-2017
Accepted date: 3-3-2017

Please cite this article as: Van Du Nguyen, Shaohui Zheng, Jiwon Han, Viet Ha Le, Jong-Oh Park, Sukho Park, Nanohybrid magnetic liposome functionalized with hyaluronic acid for enhanced cellular uptake and near-infrared-triggered drug release, *Colloids and Surfaces B: Biointerfaces* <http://dx.doi.org/10.1016/j.colsurfb.2017.03.008>

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.

1 **Highlights:**

- 2 - Novel polymer-lipid nanohybrid liposomes for active tumor targeting are synthesized.
- 3 - Magnetic nanoparticles and drug are encapsulated for photothermal-chemotherapy.
- 4 - Nanohybrid liposomes significantly enhance cellular uptake to breast cancer cells.
- 5 - Near-infrared light can trigger drug release from the nanohybrid liposomes.

6

Download English Version:

<https://daneshyari.com/en/article/4983317>

Download Persian Version:

<https://daneshyari.com/article/4983317>

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