Accepted Manuscript

Optimized phospholipid-based nanoparticles for inner ear drug delivery and therapy

Keum-Jin Yang, Jihwan Son, So Young Jung, Gawon Yi, Jihye Yoo, Dong-Kee Kim, Heebeom Koo

PII: S0142-9612(18)30292-8

DOI: 10.1016/j.biomaterials.2018.04.038

Reference: JBMT 18624

To appear in: Biomaterials

Received Date: 16 January 2018

Revised Date: 26 March 2018

Accepted Date: 14 April 2018

Please cite this article as: Yang K-J, Son J, Jung SY, Yi G, Yoo J, Kim D-K, Koo H, Optimized phospholipid-based nanoparticles for inner ear drug delivery and therapy, *Biomaterials* (2018), doi: 10.1016/j.biomaterials.2018.04.038.

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.



Optimized phospholipid-based nanoparticles for inner ear drug delivery and therapy

Keum-Jin Yang ^{a,1}, Jihwan Son ^{b,1}, So Young Jung ^a, Gawon Yi ^b, Jihye Yoo ^b, Dong-Kee Kim ^{c,*}, Heebeom Koo ^{b, d, **}

^a Clinical Research Institute, Daejeon St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Daejeon, Republic of Korea.

^b Department of Medical Lifescience, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea.

^c Department of Otolaryngology, Daejeon St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Daejeon, Republic of Korea.

^d Catholic Photomedicine Research Institute, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea.

* Corresponding author. Department of Otolaryngology-Head and Neck Surgery, Daejeon St. Mary's hospital, College of Medicine, The Catholic University of Korea, Daeheung-dong, Jung-gu, Daejeon, Korea.

** Corresponding author. Department of Medical Lifescience, College of Medicine, The Catholic University of Korea. 222 Banpo-daero, Seocho-gu, Seoul, 06591, Korea. E-mail addresses: hbkoo@catholic.ac.kr (H.Koo), cider12@catholic.ac.kr (D-K. Kim).

¹ These authors contributed equally to this paper.

Download English Version:

https://daneshyari.com/en/article/6484504

Download Persian Version:

https://daneshyari.com/article/6484504

Daneshyari.com