

Accepted Manuscript

Functionalized nanocarrier combined seizure-specific vector with P-glycoprotein modulation property for Antiepileptic Drug Delivery

Jiansheng Liu, Yajing He, Jun Zhang, Jiajia Li, Xiangrong Yu, Zhonglian Cao, Fanmin Meng, Yuwu Zhao, Xunyi Wu, Teng Shen, Zhen Hong



PII: S0142-9612(15)00792-9

DOI: [10.1016/j.biomaterials.2015.09.041](https://doi.org/10.1016/j.biomaterials.2015.09.041)

Reference: JBMT 17091

To appear in: *Biomaterials*

Received Date: 4 May 2015

Revised Date: 24 September 2015

Accepted Date: 26 September 2015

Please cite this article as: Liu J, He Y, Zhang J, Li J, Yu X, Cao Z, Meng F, Zhao Y, Wu X, Shen T, Hong Z, Functionalized nanocarrier combined seizure-specific vector with P-glycoprotein modulation property for Antiepileptic Drug Delivery, *Biomaterials* (2015), doi: 10.1016/j.biomaterials.2015.09.041.

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.

Functionalized Nanocarrier Combined Seizure-Specific Vector with P-glycoprotein Modulation Property for Antiepileptic Drug Delivery

Jiansheng Liu ^{a,e,1}, Yajing He ^{b,1}, Jun Zhang ^c, Jiajia Li ^b, Xiangrong Yu ^c, Zhonglian Cao ^d, Fanmin Meng ^b, Yuwu Zhao ^e, Xunyi Wu ^{a,*}, Teng Shen ^{b,**}, Zhen Hong ^a

^aDepartment of Neurology, Huashan Hospital, Fudan University, 12 Wulumuqi Zhong Road, Shanghai 200040, PR China

^bDepartment of Pharmaceutics, Key Laboratory of Smart Drug Delivery, Ministry of Education & PLA, School of Pharmacy, Fudan University, 826 Zhangheng Road, Shanghai 201203, China

^cDepartment of Radiology, Huashan Hospital, Fudan University, 12 Wulumuqi Middle Road, Shanghai 200040, China

^dInstrumental Analysis Center, School of Pharmacy, Fudan University, 826 Zhangheng Road, Shanghai 201203, China

^eDepartment of Neurology, the Sixth People's Hospital Affiliated to Shanghai Jiao Tong University, 600 Yishan Road, Shanghai 200233, China

¹These authors contributed equally to the manuscript.

* Corresponding author. Department of Neurology, Huashan Hospital, Fudan University, 12 Wulumuqi Middle Road, Shanghai 200040, China. Tel.: +86-021-65643671; fax: +86-021-65643671

** Corresponding authors.

E-mail addresses: mythstory@126.com (X. Wu); shenteng@fudan.edu.cn (T. Shen);

Download English Version:

<https://daneshyari.com/en/article/6485374>

Download Persian Version:

<https://daneshyari.com/article/6485374>

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