Accepted Manuscript

Development of Next Generation Adeno-Associated Viral Vectors Capable of Selective Tropism and Efficient Gene Delivery

Chuanling Zhang, Tianzhuo Yao, Yongxiang Zheng, Zhongjun Li, Qiang Zhang, Lihe Zhang, Demin Zhou, Prof.

PII: S0142-9612(15)00976-X

DOI: 10.1016/j.biomaterials.2015.11.066

Reference: JBMT 17243

To appear in: *Biomaterials*

Received Date: 5 August 2015

Revised Date: 11 November 2015

Accepted Date: 29 November 2015

Please cite this article as: Zhang C, Yao T, Zheng Y, Li Z, Zhang Q, Zhang L, Demin Zhou Development of Next Generation Adeno-Associated Viral Vectors Capable of Selective Tropism and Efficient Gene Delivery, *Biomaterials* (2016), doi: 10.1016/j.biomaterials.2015.11.066.

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.



Development of Next Generation Adeno-Associated Viral Vectors

Capable of Selective Tropism and Efficient Gene Delivery

Chuanling Zhang¹, Tianzhuo Yao¹, Yongxiang Zheng¹, Zhongjun Li¹, Qiang Zhang¹,

Lihe Zhang¹ and Demin Zhou^{1*}

¹State Key Laboratory of Natural and Biomimetic Drugs, School of Pharmaceutical

Sciences, Peking University, Beijing 100191, China

*To whom correspondence should be addressed:

Prof. Demin Zhou

School of Pharmaceutical Sciences

Peking University

No.38, Xueyuan Road, Beijing 100191, China

Tel: 86-10-8280-5857

Fax: 86-10-8280-5519

Email: deminzhou@bjmu.edu.cn

One Sentence Summary: Precision engineering of AAV2 to achieve selective tropism

Download English Version:

https://daneshyari.com/en/article/6485200

Download Persian Version:

https://daneshyari.com/article/6485200

Daneshyari.com