

Accepted Manuscript

Preventive Effects of Simvastatin Nanoliposome on Isoproterenol-Induced Cardiac Remodeling in Mice

Nuerbiye Tuerdi, Lu Xu, Baoling Zhu, Cong Chen, Yini Cao, Yunan Wang, Qiang Zhang, Zijian Li, Rong Qi

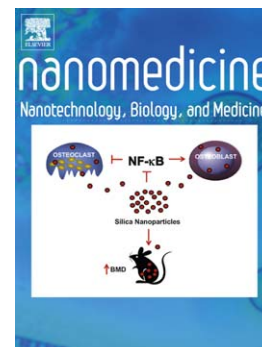
PII: S1549-9634(16)30049-1
DOI: doi: [10.1016/j.nano.2016.05.002](https://doi.org/10.1016/j.nano.2016.05.002)
Reference: NANO 1338

To appear in: *Nanomedicine: Nanotechnology, Biology, and Medicine*

Received date: 14 January 2016
Revised date: 16 April 2016
Accepted date: 1 May 2016

Please cite this article as: Tuerdi Nuerbiye, Xu Lu, Zhu Baoling, Chen Cong, Cao Yini, Wang Yunan, Zhang Qiang, Li Zijian, Qi Rong, Preventive Effects of Simvastatin Nanoliposome on Isoproterenol-Induced Cardiac Remodeling in Mice, *Nanomedicine: Nanotechnology, Biology, and Medicine* (2016), doi: [10.1016/j.nano.2016.05.002](https://doi.org/10.1016/j.nano.2016.05.002)

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.



Preventive Effects of Simvastatin Nanoliposome on Isoproterenol-Induced Cardiac Remodeling in Mice

Nuerbiye•Tuerdi ^{#, a, b, c}, Lu Xu ^{#, a, b}, Baoling Zhu ^{#, d}, Cong Chen ^{a, b}, Yini Cao ^{a, b}, Yunan Wang ^{a, b}, Qiang Zhang ^e,
Zijian Li ^{d, *}, Rong Qi ^{a, b, c, *}

a Peking University Institute of Cardiovascular Sciences, Peking University Health Science Center, Peking University, Beijing 100191, China

b Key Laboratory of Molecular Cardiovascular Sciences, Ministry of Education, China

c School of Basic Medical Science, Shihezi University, Shihezi 832000, Xinjiang, China

d Institute of Vascular Medicine, Peking University Third Hospital, Key Laboratory of Cardiovascular Molecular Biology and Regulatory Peptides, Ministry of Health, Key Laboratory of Molecular Cardiovascular Sciences, Ministry of Education and Beijing Key Laboratory of Cardiovascular Receptors Research, Beijing 100191, China

e School of Pharmaceutical Sciences, Peking University, Beijing, 100191, China

These three authors contribute equally to the paper.

*** Corresponding authors:**

Rong Qi, PhD

Associate Professor

Address: 38 Xueyuan Road, Haidian District, Peking University Institute of Cardiovascular Sciences, Peking University Health Science Center, Beijing 100191, China. E-mail: ronaqi@bjmu.edu.cn; Tel: +86 10 8280 5164; Fax: +86 10 8280 5164.

Zijian Li, PhD

Professor

Address: 38 Xueyuan Road, Haidian District, Institute of Vascular Medicine, Peking University Third Hospital, Beijing 100191, China. E-mail: lzjgy1995@163.com; Tel: +86 10 8226 5519.

The study was supported by the grants from National Natural Science Foundation of China (no. 81270368, 81360054) and the National Basic Research Program of China (2015CB932100). We have no conflicts of interest to declare.

Word count for the abstract: 137, a complete manuscript (to include body text and figure legends): 5536.

Number of references: 44; Figures: 6; Tables: 2; Supplemental Figures: 3; Supplemental Table: 1.

Download English Version:

<https://daneshyari.com/en/article/5033208>

Download Persian Version:

<https://daneshyari.com/article/5033208>

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