

Preventive effects of astragaloside IV and its active sapogenin cycloastragenol on cardiac fibrosis of mice by inhibiting the NLRP3 inflammasome

Yu Wan, Lu Xu, Yunxia Wang, Nuerbiya Tuerdi, Min Ye, Rong Qi



PII: S0014-2999(18)30348-0  
DOI: <https://doi.org/10.1016/j.ejphar.2018.06.016>  
Reference: EJP71846

To appear in: *European Journal of Pharmacology*

Received date: 2 December 2017  
Revised date: 14 June 2018  
Accepted date: 14 June 2018

Cite this article as: Yu Wan, Lu Xu, Yunxia Wang, Nuerbiya Tuerdi, Min Ye and Rong Qi, Preventive effects of astragaloside IV and its active sapogenin cycloastragenol on cardiac fibrosis of mice by inhibiting the NLRP3 inflammasome, *European Journal of Pharmacology*, <https://doi.org/10.1016/j.ejphar.2018.06.016>

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 galley proof before it is published in its final citable 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 astragaloside IV and its active sapogenin cycloastragenol on cardiac fibrosis of mice by inhibiting the NLRP3 inflammasome

Yu Wan<sup>1,2,4,#</sup>, Lu Xu<sup>1,2,#</sup>, Yunxia Wang<sup>1,2,3</sup>, Nuerbiya • Tuerdi<sup>1,2</sup>, Min Ye<sup>5</sup>, Rong Qi<sup>1,2,3\*</sup>

<sup>1</sup> Peking University Institute of Cardiovascular Sciences, Peking University Health Science Center, Peking University, Beijing, 100191, China

<sup>2</sup> Key Laboratory of Molecular Cardiovascular Sciences, Ministry of Education, Beijing, 100191, China

<sup>3</sup> Beijing Key Laboratory of Molecular Pharmaceutics and New Drug Delivery Systems, Beijing 100191, China

<sup>4</sup> Third School of Clinical Medicine, Peking University, Beijing, 100191, China

<sup>5</sup> State Key Laboratory of Natural and Biomimetic Drugs, School of Pharmaceutical Sciences, Peking University, Beijing, 100191, China

# These two authors contributed equally to this paper.

\* Corresponding author:

Rong Qi, E-mail: ronaqi@bjmu.edu.cn, Tel: +86 10 8280 5164, Fax: +86 10 8280 2769.

Postal Address:

38 Xueyuan Road,

Peking University Institute of Cardiovascular Sciences,

Download English Version:

<https://daneshyari.com/en/article/8528976>

Download Persian Version:

<https://daneshyari.com/article/8528976>

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