Author's Accepted Manuscript

Salvianolic acid B improves airway hyperresponsiveness by inhibiting MUC5AC overproduction associated with Erk1/2/P38 signaling

Yan Guan, Jian-ping Zhu, Jian Shen, Yong-liang Jia, Ya-chao Jin, Xin-wei Dong, Qiang-min Xie



 PII:
 S0014-2999(18)30060-8

 DOI:
 https://doi.org/10.1016/j.ejphar.2018.01.050

 Reference:
 EJP71651

To appear in: European Journal of Pharmacology

Received date: 22 November 2017 Revised date: 22 January 2018 Accepted date: 26 January 2018

Cite this article as: Yan Guan, Jian-ping Zhu, Jian Shen, Yong-liang Jia, Ya-chao Jin, Xin-wei Dong and Qiang-min Xie, Salvianolic acid B improves airway hyperresponsiveness by inhibiting MUC5AC overproduction associated with Erk1/2/P38 signaling, *European Journal of Pharmacology*, https://doi.org/10.1016/j.ejphar.2018.01.050

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.

ACCEPTED MANUSCRIPT

Salvianolic acid B improves airway hyperresponsiveness by inhibiting MUC5AC overproduction associated with Erk1/2/P38 signaling

Yan Guan^{a,†}, Jian-ping Zhu^{a,†}, Jian Shen^b, Yong-liang Jia^b, Ya-chao Jin^b, Xin-wei Dong^b, Qiang-min Xie^{b,c,*}

a. Affiliated Sir Run Run Shaw Hospital, Zhejiang University School of

Medicine, Hangzhou, China.

b. Zhejiang Respiratory Drugs Research Laboratory of State Food and Drug Administration of China, Zhejiang University School of Medicine, Hangzhou,

China.

c. Laboratory Animal Center of Zhejiang University, Hangzhou, China, 310058.

[†] These authors contributed equally to this work.

* Corresponding authors at:

Qiang-min Xie, Zhejiang University School of Medicine, # 866 Yuhangtang Rd., Hangzhou 310058, China. E-mail: xieqm@zju.edu.cn; Tel: +86 571 8820 8231, Fax: +86 571 8820 8070 Download English Version:

https://daneshyari.com/en/article/8529296

Download Persian Version:

https://daneshyari.com/article/8529296

Daneshyari.com