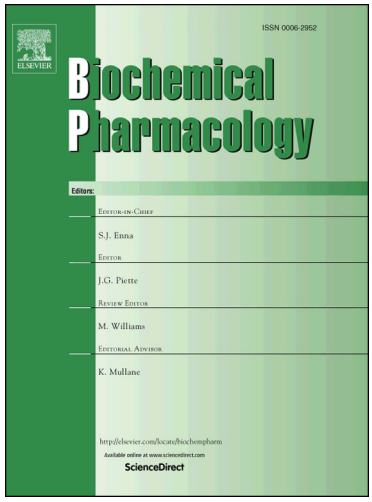
Accepted Manuscript



Tanshinone IIA suppresses FcεRI-mediated mast cell signaling and anaphylaxis by activation of the Sirt1/LKB1/AMPK Pathway

Xian Li, Soon Jin Park, Fansi Jin, Yifeng Deng, Ju Hye Yang, Jae-Hoon Chang, Dong-Young Kim, Jung-Ae Kim, Youn Ju Lee, Makoto Murakami, Kun Ho Son, Hyeun Wook Chang

PII: S0006-2952(18)30158-8
DOI: https://doi.org/10.1016/j.bcp.2018.04.015
Reference: BCP 13124

To appear in: *Biochemical Pharmacology*

Received Date: 14 February 2018
Accepted Date: 13 April 2018

Please cite this article as: X. Li, S.J. Park, F. Jin, Y. Deng, J.H. Yang, J-H. Chang, D-Y. Kim, J-A. Kim, Y.J. Lee, M. Murakami, K.H. Son, H.W. Chang, Tanshinone IIA suppresses FcεRI-mediated mast cell signaling and anaphylaxis by activation of the Sirt1/LKB1/AMPK Pathway, *Biochemical Pharmacology* (2018), doi: https://doi.org/10.1016/j.bcp.2018.04.015

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.

ACCEPTED MANUSCRIPT

Tanshinone IIA suppresses FcεRI-mediated mast cell signaling and anaphylaxis by activation of the Sirt1/LKB1/AMPK Pathway

Xian Li [a], Soon Jin Park [a], Fansi Jin [a], Yifeng Deng [a], Ju Hye Yang [b], Jae-Hoon Chang [a], Dong-Young Kim [a], Jung-Ae Kim [a], Youn Ju Lee [c], Makoto Murakami [d], and Kun Ho Son [e,*] Hyeun Wook Chang [a,*]

[a]College of Pharmacy, Yeungnam University, 280 Daehak-Ro, Gyeongsan, Gyeongbuk 38541, Republic of Korea

[b]Korean Medicine (KM) Application Center, Korea Institute of Oriental Medicine, 70 Cheomdan-ro, Dong-gu, Daegu 41062, Republic of Korea

[c]Department of Pharmacology, School of Medicine, Catholic University of Daegu, 33 Duryugongwon-ro 17-gil, Nam-gu, Daegu 42472, Republic of Korea

[d]Laboratory of Microenvironmental Metabolic Health Sciences, Center for Disease Biology and Integrative Medicine, Graduate School of Medicine, The University of Tokyo, 7-3-1 Hongo, Bunkyo-ku

[e]Andong National University, 1375Byeongdong-ro, Andong-Si, Gyeongbuk 36729, Republic of Korea

Xian Li and Soon Jin Park contributed equally to this work.

* Corresponding author at: Dr. Hyeun Wook Chang at College of Pharmacy, Yeungnam University, Gyeongsan, 712-749, Republic of Korea. Phone: +82-53-810-2811; Fax: +82-53-810-4654; E-mail: hwchang@ynu.ac.kr and Dr. Kun Ho Son at Andong National University,

Download English Version:

https://daneshyari.com/en/article/8524052

Download Persian Version:

https://daneshyari.com/article/8524052

Daneshyari.com