

Houttuynia cordata polysaccharides ameliorate pneumonia severity and intestinal injury in mice with influenza virus infection

Haiyan Zhu, Xiaoxiao Lu, Lijun Ling, Hong Li, Yingye Ou, Xunlong Shi, Yan Lu, Yunyi Zhang, Daofeng Chen



PII: S0378-8741(17)33670-X
DOI: <https://doi.org/10.1016/j.jep.2018.02.016>
Reference: JEP11227

To appear in: *Journal of Ethnopharmacology*

Received date: 10 October 2017
Revised date: 9 February 2018
Accepted date: 10 February 2018

Cite this article as: Haiyan Zhu, Xiaoxiao Lu, Lijun Ling, Hong Li, Yingye Ou, Xunlong Shi, Yan Lu, Yunyi Zhang and Daofeng Chen, *Houttuynia cordata* polysaccharides ameliorate pneumonia severity and intestinal injury in mice with influenza virus infection, *Journal of Ethnopharmacology*, <https://doi.org/10.1016/j.jep.2018.02.016>

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.

***Houttuynia cordata* polysaccharides ameliorate pneumonia severity
and intestinal injury in mice with influenza virus infection**

Haiyan Zhu^{1a}, Xiaoxiao Lu^{1b}, Lijun Ling^c, Hong Li^b, Yingye Ou^b,
Xunlong Shi^a, Yan Lu^c, Yunyi Zhang^{b*}, Daofeng Chen^{c*}

a Department of Microbiological and Biochemical Pharmacy, School of Pharmacy, Fudan University, Shanghai, China

b Department of Pharmacology, School of Pharmacy, Fudan University, Shanghai, China

c Department of Pharmacognosy, School of Pharmacy, Fudan University, Shanghai, China

¹ Haiyan Zhu and Xiaoxiao Lu contributed equally to this work.

* Corresponding authors: Daofeng Chen and Yunyi Zhang

Address: Department of Pharmacognosy, School of Pharmacy, Fudan University, 826 Zhangheng Road, Shanghai 201203, China. Tel.: +86 21 5198 0135.

E-mail addresses: dfchen@shmu.edu.cn (D.-F. Chen), zhcheng@shmu.edu.cn (Y.-Y. Zhang),

Download English Version:

<https://daneshyari.com/en/article/8532348>

Download Persian Version:

<https://daneshyari.com/article/8532348>

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