

*Achyranthis bidentatae* radix enhanced articular distribution and anti-inflammatory effect of berberine in Sanmiao Wan using an acute gouty arthritis rat model

Juan Wu, Jingya Li, Wei Li, Bei Sun, Jin Xie, Wenming Cheng, Qunlin Zhang



PII: S0378-8741(17)34539-7  
DOI: <https://doi.org/10.1016/j.jep.2018.04.025>  
Reference: JEP11320

To appear in: *Journal of Ethnopharmacology*

Received date: 15 December 2017  
Revised date: 12 April 2018  
Accepted date: 17 April 2018

Cite this article as: Juan Wu, Jingya Li, Wei Li, Bei Sun, Jin Xie, Wenming Cheng and Qunlin Zhang, *Achyranthis bidentatae* radix enhanced articular distribution and anti-inflammatory effect of berberine in Sanmiao Wan using an acute gouty arthritis rat model, *Journal of Ethnopharmacology*, <https://doi.org/10.1016/j.jep.2018.04.025>

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.

***Achyranthis bidentatae* radix enhanced articular distribution and anti-inflammatory effect of berberine in Sanmiao Wan using an acute gouty arthritis rat model**

Juan Wu<sup>a,b</sup>, Jingya Li<sup>a</sup>, Wei Li<sup>c</sup>, Bei Sun<sup>c</sup>, Jin Xie<sup>a</sup>, Wenming Cheng<sup>a</sup>, Qunlin Zhang<sup>a,\*</sup>

<sup>a</sup>*School of Pharmacy, Anhui Medical University, Hefei 230032, China*

<sup>b</sup>*Department of Pharmacy, The Second Affiliated Hospital of Anhui Medical University, Hefei 230601, China*

<sup>c</sup>*Anhui Institute for Food and Drug Control, Hefei 230051, China*

\*Corresponding Author: School of Pharmacy, Anhui Medical University, Hefei 230032, China, Tel: +86-551-65172135; fax: +86-551-65161115, qlzhang@ahmu.edu.cn

**Abstract**

*Ethnopharmacological relevance:* Sanmiao Wan (SMW) has been a basic prescription employed for the treatment for gout in the clinic since Yuan dynasty. *Achyranthis bidentatae* radix (ABR) is designed as a lower-guiding drug in SMW to augment the articular accumulation of active ingredients and improve the anti-inflammatory effect.

*Aim of the study:* Present study was undertaken to investigate the dose-response

Download English Version:

<https://daneshyari.com/en/article/8532243>

Download Persian Version:

<https://daneshyari.com/article/8532243>

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