Accepted Manuscript

Synergistic Interaction between Dexmedetomidine and Ulinastatin against Vincristineinduced Neuropathic Pain in Rats

Bilin Nie, Subo Zhang, Zhuxi Huang, Jingxiu Huang, Xiaodi Chen, Yaochao Zheng, Xiaohui Bai, Weian Zeng, Handong Ouyang

PII: S1526-5900(17)30630-2

DOI: 10.1016/j.jpain.2017.06.007

Reference: YJPAI 3437

To appear in: Journal of Pain

Received Date: 2 May 2017

Revised Date: 20 June 2017

Accepted Date: 26 June 2017

Please cite this article as: Nie B, Zhang S, Huang Z, Huang J, Chen X, Zheng Y, Bai X, Zeng W, Ouyang H, Synergistic Interaction between Dexmedetomidine and Ulinastatin against Vincristineinduced Neuropathic Pain in Rats, *Journal of Pain* (2017), doi: 10.1016/j.jpain.2017.06.007.

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

Synergistic Interaction between Dexmedetomidine and Ulinastatin against Vincristine-induced Neuropathic Pain in Rats

Bilin Nie †*, Subo Zhang ‡I, Zhuxi Huang I, Jingxiu Huang *, Xiaodi Chen *, Yaochao Zheng I, Xiaohui Bai ¶, Weian Zeng *, Handong Ouyang *

† Department of Anesthesiology, Guangdong Women and Children Hospital, Guangzhou, China

* Department of Anesthesiology, State Key Laboratory of Oncology in Southern China, Sun Yat-Sen University Cancer Center, Collaborative Innovation Center for Cancer Medicine, Guangzhou, China

[‡] Zhongshan School of Medicine, Guangdong Province Key Laboratory of Brain Function and Disease, Sun Yat-Sen University, Guangzhou, China

I Department of Rehabilitation Medicine, Sun Yat-Sen Memorial Hospital, Sun Yat-Sen University, Guangzhou, China

¶ Department of Anesthesiology, Sun Yat-Sen Memorial Hospital, Sun Yat-Sen University, Guangzhou, China

Running title: Interaction between dexmedetomidine and ulinastatin

Disclosure

The authors declare no conflicts of interest. This work was supported by the National Natural Science Foundation of China (Grant No. 81300966, 31671090, 81271474, 81571076 and 81500948) and Young Teacher Foundation of Sun Yat-Sen University for H-D Ouyang.

B-L Nie and S-B Zhang contributed equally to this work.

Corresponding author address: Department of Anesthesiology, State Key Laboratory of Oncology in Southern China, Sun Yat-Sen University Cancer Center, Collaborative Innovation Center for Cancer Medicine, East 651 Dongfeng Rd. Guangzhou, China. Tel: +862087343060. E-mail: ouyhd@sysucc.org.cn.

Download English Version:

https://daneshyari.com/en/article/8605358

Download Persian Version:

https://daneshyari.com/article/8605358

Daneshyari.com