Accepted Manuscript

Title: Downregulations of TRPM8 expression and membrane trafficking in dorsal root ganglion mediate the attenuation of cold hyperalgesia in CCI rats induced by $GFR\alpha3$ knockdown

Authors: Lin Su, Ruichen Shu, Chengcheng Song, Yonghao Yu, Guolin Wang, Yazhuo Li, Changxiao Liu

PII: \$0361-9230(17)30167-3

DOI: http://dx.doi.org/10.1016/j.brainresbull.2017.08.002

Reference: BRB 9274

To appear in: Brain Research Bulletin

Received date: 24-3-2017 Revised date: 7-7-2017 Accepted date: 4-8-2017

Please cite this article as: Lin Su, Ruichen Shu, Chengcheng Song, Yonghao Yu, Guolin Wang, Yazhuo Li, Changxiao Liu, Downregulations of TRPM8 expression and membrane trafficking in dorsal root ganglion mediate the attenuation of cold hyperalgesia in CCI rats induced by GFRα3 knockdown, Brain Research Bulletinhttp://dx.doi.org/10.1016/j.brainresbull.2017.08.002

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.



Downregulations of TRPM8 expression and membrane trafficking in

dorsal root ganglion mediate the attenuation of cold hyperalgesia in CCI

rats induced by GFRα3 knockdown

Lin Su^{a,b,c,d}, Ruichen Shu^{a,b}, Chengcheng Song^{a,b}, Yonghao Yu^{a,b}, Guolin

Wanga,b, Yazhuo Lid, Changxiao Liuc,d,*

^a Department of Anesthesiology, Tianjin Medical University General Hospital,

154 Anshan Road, Heping District, Tianjin 300052, PR China.

^b Tianjin Research Institute of Anesthesiology, 154 Anshan Road, Heping

District, Tianjin 300052, PR China.

^c Tianjin Medical University, 22 Qixiangtai Road, Heping District, Tianjin 300070,

PR China.

^d State Key Laboratory of Drug Delivery Technology and Pharmacokinetics,

Tianjin Institute of Pharmaceutical Research, 308 Anshanxi Road, Nankai

District, Tianjin 300193, PR China.

* Corresponding author: Changxiao Liu (E-mail: boxuanboyuan@126.com)

Mailing address: State Key Laboratory of Drug Delivery Technology and

Pharmacokinetics, Tianjin Institute of Pharmaceutical Research, 308 Anshanxi

Road, Nankai District, Tianjin 300193, PR China.

Tel: 86-22-23006860; Fax: 86-22-23006860

1

Download English Version:

https://daneshyari.com/en/article/5736284

Download Persian Version:

https://daneshyari.com/article/5736284

<u>Daneshyari.com</u>